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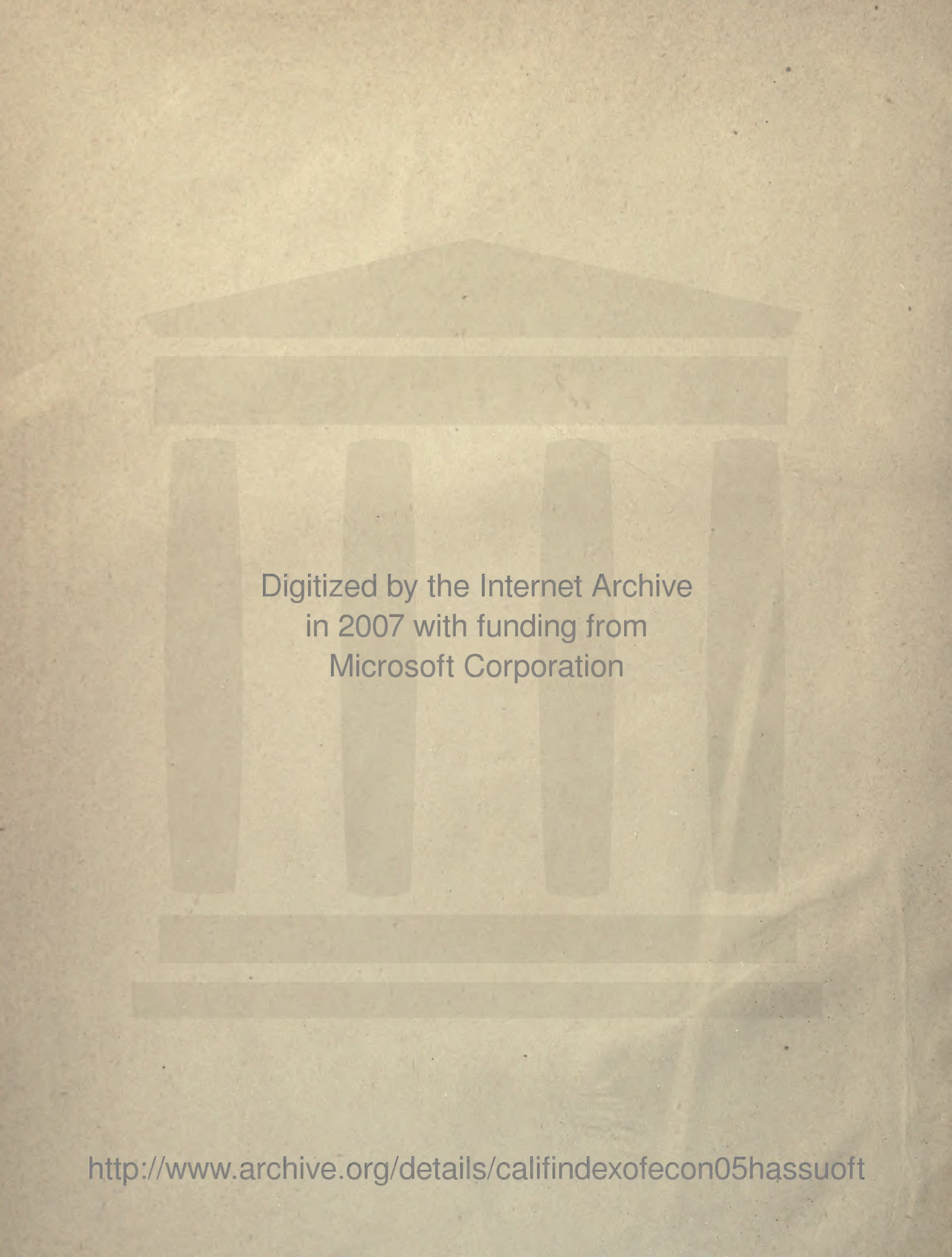
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INDEX OF ECONOMIC MATERIAL

IN

DOCUMENTS OF THE STATES

OF

THE UNITED STATES

[vol. 5].

CALIFORNIA

1849-1904

PREPARED FOR THE DEPARTMENT OF ECONOMICS AND SOCIOLOGY
OF THE CARNEGIE INSTITUTION OF WASHINGTON

BY

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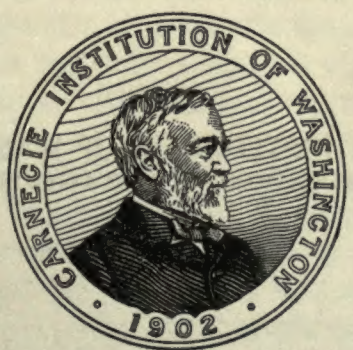

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PREFATORY NOTE

This index undertakes to deal only with the printed reports of administrative officers, legislative committees, and special commissions of the states and with governors' messages for the period since 1849. It does not refer to constitutions, laws, legislative proceedings or court decisions, except in so far as they happen to be found in the class of documents above mentioned. It attempts, on the other hand, to furnish a list, as complete as possible, of all the documents and messages which fall within its scope, in whatever form they may have been published, whether separately, in collected documents, legislative journals or volumes of laws, and to indicate the volume in which they may be found. In general, unless otherwise shown, the material indexed is in the New York Public Library. In addition to furnishing a list of reports and messages, the index undertakes to supply a reference by volume and page to all material of economic importance which they contain, with the exception of that contained in the reports of bureaus of labor. The reason for this exception is that these reports have already been indexed by Carroll D. Wright, late United States Commissioner of Labor,[1] in a volume published by his department in 1902.

Although the index is confined to matter of economic bearing, the term "economic" has been given a broad interpretation. In view of this liberal interpretation it is believed that the index will constitute a useful addition to the resources of students of almost any aspect of American history.

It will be seen that the present index differs both in scope and character from R. R. Bowker's "State Publications," the valuable pioneer work in this field. It is narrower in scope than "State Publications," which aims to present a list not only of reports and governors' messages but of all state documents; but in the field which the present work covers it contains not only a more complete list of documents than has hitherto been published but also an index of their contents in so far as these have an economic bearing.

The arrangement is alphabetical by topics. The references under each topic are divided into two groups, viz., "serial" and "non-serial." Within each of these divisions the arrangement is chronological. Numerous cross-references will, it is hoped, make it possible to discover with little difficulty all the material bearing on a topic. It is to be remarked that the division of serial reports into more than one series occurs whenever there is a change in title, in the authority making the report or in frequency of issue. It will be seen that this division is not an arbitrary one. It is made in the belief that the reason for it can be more clearly shown in this way than by a narrative explanation.

[1] Index of all reports issued by bureaus of labor statistics in the U. S. prior to Mch. 1, 1902. Wash., 1902. 287 pp. 8°.

Uniform entry words for subjects recurring in different states will be retained throughout the series. It will thus be possible to make a study not only of the historical development of an economic subject as reflected in the documents of an individual state but also to make a comparative study of that development as it has taken place in the country at large. To accomplish this purpose it has been necessary to make the selection of entry words without reference to the peculiarities of local usage, such peculiarities being recognized in the case of each state by cross-references. The abbreviations employed are believed to be sufficiently obvious to make a table of them unnecessary. Unless otherwise stated the size of the books is octavo.

A feature introduced in the New York part of this index, and not employed in the preceding parts (i. e. Maine, New Hampshire, and Vermont), is the system of references from locality. This feature has been made a part of the succeeding issues.

The present volume has been preceded by six similar volumes, confined to the states of Maine, New Hampshire, Vermont, New York, Rhode Island and Massachusetts, respectively. It will be followed by others, each devoted to a single state. The work when completed will, therefore, furnish an index to the economic material in the reports and governors' messages of all the states of the Union.

In the preparation of this volume the collection of the New York Public Library has been used as a basis. Acknowledgment for assistance in the collation of volumes not in the N. Y. Public Library is due to the California State Library, the Los Angeles Public Library, to the U. S. Bureau of Education, to the Library of Congress and to the U. S. Department of Agriculture.

PART I

COLLECTED DOCUMENTS, DESCRIPTIVE WORKS, INDEXES, ETC.

DESCRIPTIVE WORKS—GENERAL

1850. Rept. of Mr. Vallejo, on the derivation and definition of the names of the several cos. of Cal. (App. to Sen. jol. 1 sess. pp. 522-537 doc. Y.)

——. Govs. mess. re. proposed union with state of Deseret. (Legisl. jol. 1849/50: 429-435; 756-763.)

1853-1881. Review of domestic produce for yr.; history of transactions at S. F. for past yr., with tabular stmts. of receipts and exports of the various products since 1853; special comment on wine and wheat interest. (Trans. state agric. socy. 1881: 149-175.)

1854. Judge Campbell's prospectus, "The Plains and Cal." (A.R. surveyor gen. 1854: 94-95.)

1867. Cal., her agric. resources; by H. D. Dunn. (Trans. state agric. socy. 1866/7: 507-542.)

1874. Agric. review of Cal. geography, topography, climate, and soil. (*Same* 1874: 245-252.)

1877. Brief comment on growth of state since 1849, and its prominence now in the commerce of the nation shown by statistics. (*Same* 1877: 85-86.)

1878. The foothills of the Sierras: geographical formation, climate, area, vegetation, adaptation to cultivation, and lands open to settlement; by Hon. B. B. Redding. (*Same* 1878: 129-134.)

Reprinted in Transactions of 1885.

1879. Area of Cal. apportioned according to agric. and mineral land surveyed and unsurveyed, private grants surveyed, Mission Church property, etc.; land listed to state by U. S. under various land grants from Aug. 1, 1877, to Aug. 1, 1879, and whole amt. listed to state under various grants. (*Same* 1879: 224.)

1881. Address by Hon. J. Bidwell on Cal's. productive interests—markets, especially of wheat; lines of transportation; agric. fairs, agst. horse racing at said fairs; etc. (*Same* 1881: 24-40.)

1882. Cal.: information necessary to those wishing to migrate to state; map. (*Same* 1882: 219-231.)

1884. Information, general and statistical, re. agric., commercial, mnfg., and other resources, interests, and industries of state; compiled by H. Degroot. (4 A.R. state mineralogist 1883/4: 31-59.)

1885. Cal. [geography, resources, etc.]. [Sacramento: James J. Ayers, supt. state prtg., 1885.] (5 *same* 1884/5: 51-127.)

——. Central and no. Cal.; characteristics and possibilities. (Trans. state agric. socy. 1885: 193-202.)

1886. Origin of name Cal. (6 A.R. state mineralogist 1885/6 pt. 1: 8-10.)

——. Ch. iv, pt. ii, title iii. Political Code of Cal.; legal distances in state. Routes of travel, modes of conveyance, distances, etc., from S. F.; compiled from Railroad Gazeteer. (6 *same* 1885/6 pt. 2: 183-214.)

——. Table of altitudes in state. (6 *same* 1885/6 pt. 1: 34-53.)

——. Physical data and statistics of Cal.; tables and memoranda re. rainfall . . . drainage areas . . . and other factors of water supply; mountain and other topographical features. 547 pp. (State engr.)

Not seen; entry from Bowker.

1886. History and description of each co. in state of Cal. (2 bienn. rept. bureau of labor statistics 1885/6: 153-324.)

1887. Climate and health resorts of Cal.; by J. W. Robertson, M. D., asst. physician and pathologist, Napa Insane Asylum. (Trans. state agric. socy. 1887: 439-445.)

—— Resources, climatic conditions, etc., of coast and adjoining cos. (*Same* 1887: 382-423.)

1888. Cal. geography, topography and hydrography, principal rivers, population and property values, and value of mineral products to date. (8 A.R. state mineralogist 1887/8: 12-16.)

——. Notes on topography, and on distribution of plants in Cal.; by W. P. Gibbons. (10 bienn. rept. bd. health 1886/8: 184-187.)

1889. Results of agitation in development of resources of state; untouched resources. (Trans. state agric. socy. 1889: 14-17.)

1890. Historical review of the industrial growth of Cal. and of its future resources—the first 20 yrs. was the period of the gold-seekers, of speculation and adventure; its enduring industries are less than 20 yrs. of age. Questions treated—economic communication the equivalent of physical contiguity, reduction of cost of transportation, industries, labor, area, population, and irrigation, value of land. (*Same* 1890: 184-208.)

1892. Exhibits in the historical section of the State Fair; edited and annotated by J. M. Guinn. (*Same* 1892: 139-182.)

——. Cal. horticulturally: geographical, topographical, climate; hortic. history; irrigation; adaptation of the various fruits and plants; wild fruits of Cal.; description of each co., with tables of each co., with tables giving average in each variety of fruit, amt. of irrigation, climate, etc. (A.R. bd. hortic. 1892: 13-323.)

1893. Resources of Cal.; prepared in conformity with a law approved Mch. 11, 1893, by H. H. Markham, gov. 144 pp., illus.

Not seen; entry from Bowker.

1895/6. Physicial features of state. 7 pp. (Bureau of highways bull. 3 [1895/6].)

1901. Repts. of resources of Cal., by cos. (Trans. state agric. socy. 1901: 167-466.)

1904. Cal.; its products, resources, industries, and attractions. What it offers the immigrant, homeseeker, investor, and tourist. By T. G. Daniells. 208 pp., illus. (La. Purchase Exposition Comn.)

——. Stmt. giving area of state of Cal. (Bienn. rept. surveyor gen. 1877/9 (pp. 3-4)—*same* 1902/4.)

No returns 1898/00.

——. Resources of state of Cal. by cos. (Trans. state agric. socy. 1904: 19-318.)

Natural resources, industries, climate, agric., valuation, etc. of each co.

DESCRIPTIVE WORKS—SPECIAL LOCALITIES

See also references in part 2 under names of counties and cities. In particular, attention is called to the synopses of the co. assessors' reports under Taxation.

1835-1846. Short sketch of settlement of Sonoma Co.; by Gen. M. G. Vallejo. (Bienn rept. bd. hortic. 1886/8: 75-77.)

1847-1865. Comment on extracts from Cal. Star of 1847, giving incidents and statistics of S. F., and comparing them with present. (Trans. state agric. socy. 1864/5: 176-186.)

1865. Review of resources of Cal.; agric., mineral, and mnftres.; extent and capacity of San Joaquin distr.; need of irrigation; r.rs. and their value; educational system. (*Same* 1864/5: 215-221.)

1872. Review of resources of Sta. Clara Valley. (*Same* 1872: 582-595.)

1874. Suppl. rept. on the Colo. Desert and its surroundings. (*Same* 1874: 363-366.)

1881. Results of study of mud volcanoes and Colo. Desert in San Diego Co. (2 rept. state mineralogist 1880/2: 227-240.)

1886. Rept. of the topography, botany, climatology, and diseases of Surprise and Goose Lake valleys; by Geo. M. Kober. [With suppl. rept. on diseases about Alturas; by J. M. Forest.] (9 bienn. rept. state bd. health 1884/6: 170-198.)

Also in Trans. state agric. socy. 1886: 392-402. Only the topography and climatology are given, although the article has the same title as in 9 bienn. rept. state bd. of health.

——. Notes on a trip to Mt. St. Helena. (6 A.R. state mineralogist 1885/6: 78-79.)

1887. Climate and resources of San Joaquin Valley cos. (Trans. state agric. socy. 1887: 373-382.)

——. Resources and climate of Sacramento Valley cos. (*Same* 1887: 247-359.)

——. Sacramento as a natural trade center; its sanitary aspect; produce shipped from there. (*Same* 1887: 289-294.)

——. No. Cal.; climate and resources as reported from Modoc and Siskiyou cos. (*Same* 1887: 359-366.)

——. Climate and resources of the Foothill cos. (*Same* 1887: 366-373.)

1887-1889. Climate of San Bernardino Co.; a few facts re. her products and improvements; weather summary for Jan., Feb., and Mch., 1889. (*Same* 1888: 364-369.)

1888. Review of resources of Sonoma Co. (Bienn. rept. bd. hortic. 1886/8: 71-75.)

1889. The San Joaquin Valley—the Tulare and San Joaquin basins; streams of Tulare basin; descriptions and analyses of soils. (Bienn. rept. agric. exper. stations 1888/9: 112-132.)

——. The Salinas Valley climate, agric., hydrographic features of upper valley, location of station, details of soils of station and chemical analyses. (*Same* 1888/9: 93-102.)

——. Notes on islands in Sta. Barbara Channel; flora, etc. (9 A.R. state mineralogist 1888/9: 155-158.)

——. Description of Coast Range Region at large—So. Coast Range Region, climate, agric., rocks, and soils. (Bienn. rept. agric. exper. stations 1888/9: 89-91.)

1890. Altitudes of various points in Coast Range of Cal. northwest of S. F. (10 A.R. state mineralogist 1889/90: 794.)

——. Origin of names in the Yosemite Valley; by L. H. Bunnell. (Bienn. rept. comrs. to manage Yosemite Valley and Mariposa Grove 1889/90: 9-13.)

——. The Colo. Desert, with bibliog.; by C. R. Orcutt. (10 A.R. state mineralogist 1889/90: 899-919.)

1904. Resources.

Boundaries

18(?). Special rept. of state engr. on state and co. boundaries. 273 pp.

Not seen; entry from Bowker.

DESCRIPTIVE WORKS—SPECIAL LOCALITIES—cont'd

Boundaries—cont'd

1850. Rept. of Mr. de la Guerra on cos. and co. boundaries; with additional rept. announcing creation of Sta. Clara Co., and changes in names of five other cos. (App. to Sen. jol. 1 sess. pp. 411-421 docs. E and F.)

——. Rept. of select committee on suppl. co. boundary bill. (*Same* pp. 556-558 doc. JJ.)

——. Rept. on division of state into cos., stating boundaries of same. (Legisl. jol. 1849/50: 411-421.)

1854. Comments on co. boundaries and recommendation for substitution of natural for artificial boundaries, and where this is impracticable, adoption of lines of U. S. surveys; also recommend that $20,000 be appropriated to be expended in such surveys during 1855. (A.R. surveyor gen. 1854: 4-5.)

——. Rept. of no. boundary survey. (*Same* 1854: 17-24.)

——. Remarks on no. boundary survey. (*Same* 1854: 3-4.)

1855. Comments on co. boundaries. (*Same* 1855: 33.)

1861. Communication of surveyor gen. re. eastern boundary survey. 6 pp. (App. to Sen. jol. 12 sess. doc. [23]; App. to Assem. jol. 12 sess. doc. [24].)

1862. Comments on state and co. boundaries. (A.R. surveyor gen. 1862: 22-24.)

1868. Minority rept. re. Assem. bill 334 on boundary betw. Plumas and Sierra cos. 4 pp. (App. to jols. 17 sess. v. 2 doc. [26].)

——. Petition re. division of Mono Co. 4 pp. (*Same* v. 3 doc. [22].)

——. Rept. on Assem. bill 302 to provide for establishing so. boundary of Cal. 6 pp. (*Same* v. 3 [doc. 10].)

——. Docs. on file in atty. gens. office relating to boundary line betw. Cal. and Ariz. 12 pp. (*Same* v. 2 doc. [42].)

INDEXES AND MANUAL

1850-1893. Index to laws of Cal., prepared under . . . . A. J. Johnston, supt. of state prtg. 739 pp.

1850-1894. Catalogue of state publications of Cal. [1850 to July, 1894]. (Bienn. rept. trustees of state library 1892/4: 32-72.)

1880-1903. Cal. Blue Book.

Checklist

1 series

1856. Cal. state almanac and annual register. Sacramento, 1856. 72 pp.
1857. State register and yearbook of facts. San Francisco, 1857. viii, 380 pp.
1859. Same. San Francisco, 1859. iii, 420 pp.

2 series

1880. The State Government, executive, judicial, and legislative departments. 20 pp.
1881. State and County Governments. Compiled by D. M. Burns. 35 pp.
1883. Same. Compiled by T. L. Thompson. 63 pp.
1885. Same. Compiled by T. L. Thompson. 90 pp.
1886. Governmental Roster; State and County Governments. Compiled by T. L. Thompson. 151 pp.
1887. Same. Compiled by W. C. Hendricks. 113 pp.
1889. Same. 220 pp.

3 series

1891. Blue Book or State Roster. Compiled by E. G. Waite. 278 pp.
1893. Same. 331 pp.
1895. Same. Compiled by L. H. Brown. 416 pp.
1897. Not printed.
1899. Blue Book. Compiled by C. F. Curry. 447 pp.
1901. Not printed.
1903. California Blue Book. Compiled by C. F. Curry. 623 pp.

The volumes of the second series contain, besides the usual matter found in these manuals, tabular material relative to taxation, public expenditures, salaries of state officers, etc. This material has been indexed in the present volume.

1895-1901. Index to laws of Cal.; pt. 2 of rept. of comrs. for revision of law, 1902. 193 pp.

COLLECTED DOCUMENTS

1 session

Serial No. December 15, 1849-April 22, 1850

1. Journal of the Senate. . . . . San Jose, Winchester, state prtr., 1850. 390 pp., 1 leaf.
   Appendix. n. t. p. Documents A-SS. pp. 393-570.
   House of Assembly Journal. San Jose, Winchester, state prtr., 1850. 2 leaves (1), 576-1347 pp.

2 session

January 6-May 1, 1851

2. Journals of the Legislature of Cal. n. p., Casserly, 1851. 2 leaves (1), 6-1865 pp.
   Journal of Proceedings of the Senate. [Half-title.] 1 leaf, (1), 6-503 (1) pp.
   Appendix. n. t. p. Documents A-ZZZ. pp. 507-774.
   Journal of Proceedings of the Assembly. [Half-title.] 1 leaf (1), 778-1815.
   Index to Senate and Assembly jols. pp. 1819-1865.

3 session

January 5-May 4, 1852

3. Journal of the 3d session of the Legislature of Cal. . . . . San Francisco, Fitch and Geiger, state prtrs. 1852. [Half-title.] Journal of the Proceedings of the Senate. 2 leaves (1), 6-794 pp.
4. Journal of the Proceedings of the Assembly. [Half-title.] 1 leaf (1), 4-882 pp.

4 session

January 3-May 19, 1853

5. Journal of the 4th session of the Legislature of Cal. . . . . San Francisco, G. Kerr, state prtr., 1853. Journal of the Senate. 1 leaf (1), 6-664 pp.
   Appendix. n. t. p. Documents 1-76. v. p.
6. Journal of the 4th session of the Legislature of Cal. . . . . San Francisco, G. Kerr, state prtr., 1853. Journal of the Assembly. 2 leaves (1), 6-729 pp.
   Appendix. n. t. p. Documents 1-59. v. p.

5 session

January 2-May 15, 1854

7. Journal of the 5th session of the Legislature of Cal. . . . . Sacramento, Redding, state prtr., 1854. Journal of the Senate. 2 leaves (1), 6-612 pp.
   Appendix. n. t. p. Documents 1-9.* v. p.
8. Journal of the 5th session of the Legislature of Cal. . . . . Sacramento, Redding, state prtr., 1854. Journal of the Assembly. 2 leaves (1), 6-631 pp.
   Appendix. n. t. p. Documents 1-9.* v. p.
9. Journal of the 5th session of the Legislature of Cal. . . . . Sacramento, Redding, state prtr., 1854. Journal of the Assembly. 2 leaves (1), 6-693 pp.
   Appendix. n. t. p. Documents 1-9.* v. p.

6 session

January 1-May 7, 1855

10. Journal of the 6th session of the Legislature of Cal. . . . . Sacramento, Redding, state prtr., 1855. Journal of the Senate. 2 leaves (1), 6-970 pp.
11. Appendix. n. t. p. Documents 2-25. v. p.
12. Journal of the 6th session of the Assembly of Cal. . . . . Sacramento, Redding, state prtr., 1855. 2 leaves (1), 6-941 pp.
13. Appendix. n. t. p. Documents 2-26, and 1 unnumbered, viz. Rept. committee on internal improvements on Assem. bill 16. 20 pp.

7 session

January 7-April 21, 1856

14. Journal of the 7th session of the Senate of Cal. . . . . Sacramento, Allen, state prtr., 1856. 2 leaves (1), 10-923 pp.
15. [Appendix.] n. t. p. Documents 2-14, and unnumbered as follows:
    Doc. [15]. Rept. directors state prison, 1855. 55 pp.
    Doc. [16]. Rept. on state prison by jt. committee. 36 pp.
    Doc. [17]. Rept. jt. committee on books of late treasurer. 32 pp.
    Doc. [18]. Rept. of Sen. special committee relative to state land sales at S. F., Oct. 10, 1855. 55 pp.
    [Doc. 19.] Rept. of jt. hospital committee. 6 pp.
    Doc. 10 [sic. i. e. 20]. Rept. of special committee apptd. to ascertain amt. of controllers' warrants issued during 1855 on acct. of state prison. 35 pp.
    [Doc. 21.] Rept. of special committee on "Act to provide for formation of corporations." 12 pp.
    [Doc. 22.] Majority rept. of committee on mines and mining interests. 6 pp.
    [Doc. 23.] Same, minority rept. 6 pp.
16. Journal of the 7th session of the Assembly of Cal. . . . . Sacramento, Allen, state prtr., 1856. 2 leaves (1), 6-964 pp.

* The Appendix of the Senate and the two editions of the Assembly journal is the same.

COLLECTED DOCUMENTS—cont'd

7 session—cont'd

Serial No. January 7-April 21, 1856—cont'd

17. [Appendix.] n. t. p. Documents [1] 2-11, [12-19]. v. p.
    The unnumbered documents are as follows:
    [Doc. 1.] Govs. inaugural address. 6 pp.
    [Doc. 12.] Rept. on state prison by jt. committee. 36 pp.
    [Doc. 13.] Rept. of committee on mines and mining interests. 16 pp.
    [Doc. 14.] Rept. of jt. committee on books of late treasurer. 32 pp.
    [Doc. 15.] Rept. of committee on federal relations on Pacific R.R. 12 pp.
    [Doc. 16.] Rept. of committee on mines and mining interests on memorial of citizens of S. F. 6 pp.
    [Doc. 17.] Rept. of select committee in relation to U. S. land comrs. 11 pp.
    [Doc. 18.] Rept. of portion of select committe re. publishing constitution in Spanish. 6 pp.
    [Doc. 19.] Majority rept. of special committee on "Act to encourage agric. and mining interests in state." 5 pp.

8 session

January 5-April 29, 1857

18. Journal of the 8th session of the Senate of Cal. . . . . Sacramento, Allen, state prtr., 1857. 950 pp.
19. Appendix to Senate Journals (sic.) of the 8th session . . . . Sacramento, Allen, state prtr., 1857. Documents [1-12]. v. p.
    [Doc. 1.] Maority and minority repts. of jt. special committee on state insane asylum. 32 pp.
    [Doc. 2.] Rept. of special committee on state debt. 4 pp.
    [Doc. 3.] Ann. rept. of treasurer, 1855/6. 31 pp.
    [Doc. 4.] Ann. rept. of controller, 1855/6. 40 pp., foldg. tables.
    [Doc. 5.] Ann. rept. surveyor gen., 1856. 38 pp.
    [Doc. 6.] Rept. special committee on govs. message apptg. Geo. W. Ryder to office of gauger of wines and liquors. 19 pp.
    [Doc. 7.] Minority rept. of committee on mines and mining interests, Feb. 1857. 8 pp.
    [Doc. 8.] Same, majority rept., Feb. 1857. 4 pp.
    [Doc. 9.] Rept. of special committee on vote for convention to revise constitution of state, Jan. 1857. 14 pp.
    [Doc. 10.] Rept. of committee on impeachment. 7 pp.
    [Doc. 11.] Rept. of jt. committee on treasure in state treasury. 5 pp.
    [Doc. 12.] Rept. of committee on accts. and expenditures. 8 pp.
20. Journal of the 8th session of the Assembly of Cal. . . . . Sacramento, Allen, state prtr., 1857. 992 pp.
    [Appendix.] n. t. p. Documents [1-19.] v. p.
    [Doc. 1.] Rept. of controller, 1855/6. 40 pp., foldg. tables.
    [Doc. 2.] Ann. rept. state treasurer, 1855/6. 31 pp.
    [Doc. 3.] Ann. rept. atty. gen., Jan. 1857. 11 pp.
    [Doc. 4.] Ann. rept. surveyor gen. for 1856. 38 pp
    [Doc. 5.] 6 ann. rept. supt. public instruction. 10 pp.
    [Doc. 6.] Ann. rept. Q. M. Gen. and Adj. Gen. 16 pp.
    [Doc. 7.] Rept. select committee on treasury dept. 41 pp.
    [Doc. 8.] Rept. select committee on state prison contract. 13 pp., 1 leaf.
    [Doc. 9.] Rept. committee on ways and means upon stamp act. 9 pp.
    [Doc. 10.] Rept. committee on agric. on res. re. agric. affairs. 7 pp.
    [Doc. 11.] Rept. committee on federal relations on Pacific and Atlantic R.R., Feb. 15, 1857. 4 pp.
    [Doc. 12.] Communication of surveyor gen. relative to swamp and overflowed lands. Feb. 19, 1857. 4 pp.
    [Doc. 13.] Rept. of committee on accts. and expenditures March 4, 1857. 9 pp.
    [Doc. 14.] Rept. of committee on state prison, Feb. 25, 1857. 48 pp.
    [Doc. 15.] 2d rept. of select committee on better protection of state treasury. 12 pp.
    [Doc. 16.] Rept. of committee on Indian affairs. 5 pp.
    [Doc. 17.] Rept. of special committee on moneys illegally paid out of state treasury. 6 pp.
    [Doc. 18.] Rept. of special committee on act for better protection of state treasury, Jan., 1857. 14 pp.
    [Doc. 19.] Rept. of committee on accts. and expenditures. 9 pp.

COLLECTED DOCUMENTS—cont'd

9 session

January 4-April 26, 1858.

Serial No.

21. Journal of the 9th session of the Senate of Cal. . . . . Sacramento, O'Meara, state prtr., 1858. 791 pp.
22. Appendix to Senate Journals (sic.) of the 9th session. . . . . Sacramento, O'Meara, state prtr., 1858. Documents [1-14]. v. p.
The documents themselves are unnumbered, but on verso of title page there is a table of contents applying the nos. 1 to 14 to the documents contained in the volume.
23. Journal of the 9th session of the Assembly of Cal. . . . . Sacramento, O'Meara, state prtr., 1858. 770 pp.
24. Appendix to Assembly Journals (sic.) of the 9th session. . . . . Sacramento, O'Meara, state prtr., 1858. Documents [1-10]. v. p.

10 session

January 3-April 19, 1859.

25. Journal of the Senate of Cal. at the 10th session. . . . . Sacramento, O'Meara, state prtr., 1859. 958 pp.
26. Appendix to Journals (sic.) of the Senate of the 10th session. . . . . Sacramento, O'Meara, 1859. Documents [1-10]. v. p.
27. Journal of the House of Assembly . . . . at the 10th session. Sacramento, O'Meara, 1859. 914 pp.
28. Appendix to Journals (sic.) of Assembly, of the 10th session. . . . . Sacramento, O'Meara, 1859. Documents [1-11]. v. p.

11 session.

January 2-April 30, 1860.

29. Journal of the Senate of Cal. at the 11th session. . . . . Sacramento, Botts, state prtr., 1860. 917 pp.
30. Appendix to Journals (sic.) of the Senate. Sacramento, Botts, 1860. Documents [1-20]. v. p.
The table of contents calls for 19 documents. There are, in reality, 20 documents in the volume. Doc. 13, the Majority rept. of the special committee on the bulkhead (6 pp.) is followed by the Minority rept. of the same committee (37 pp.). The latter rept. is omitted from the table of contents.
31. Journal of the House of Assembly of Cal. at the 11th session. Sacramento, Botts, state prtr., 1860. 909 pp.
32. Appendix to the Journals (sic.) of Assembly of the 11th session. Sacramento, Botts, 1860. Documents [1-15.] v. p.
The table of contents calls for 14 documents. There are, in reality, 15 documents in the volume. Following what is called Doc. 11 in the table of contents, there is a "Rept. of special committee on constitutional convention, March 3, 1860" (4 pp.). This rept. is omitted from the table of contents.

12 session

January 7-May 20, 1861.

33. Journal of the Senate of Cal. at the 12th session. . . . . Sacramento, Botts, 1861. 999 pp.
34. Appendix to the Journals (sic.) of the Senate. Sacramento, Botts, 1861. Documents [1-26]. v. p.
35. Journal of the House of Assembly at the 12th session. Sacramento, Botts, 1861. 1047 pp.
36. Appendix to Journals (sic.) of Assembly. Sacramento, Botts, 1861. Documents [1-30]. v. p.

13 session

January 6-May 15, 1862.

37. Journal of the Senate during the 13th session. . . . . Sacramento, Avery, state prtr., 1862. 866 pp.
38. Journal of the Assembly during the 13th session. . . . . Sacramento, Avery, 1862. 1047 pp.
39. Appendix to Journals of Senate and Assembly, of the 13th session. Sacramento, Avery, 1862. Documents [1-39.] v. p.

14 session

January 5-April 27, 1863

40. Journal of the Senate, during the 14th session. Sacramento, Avery, 1863. 679 pp.
41. Journal of the Assembly, during the 14th session. Sacramento, Avery, 1863. 885 pp.
42. Appendix to Journals of Senate and Assembly. Sacramento Avery, 1863. Documents [1-35]. v. p.

15 session

December 7, 1863-April 4, 1864

43. Journal of the Senate during the 15th session. . . . . Sacramento, Clayes, state prtr., 1864. 759 pp.
44. Journal of the Assembly during the 15th session. . . . . Sacramento, Clayes, 1864. 802 pp.
Appendix to Journals of Senate and Assembly. Sacramento, Clayes, 1864. 2 v.
45. v. 1. Documents [1-11]. v. p.
46. v. 2. " [1-40]. v. p.

16 session

December 4, 1865-April 2, 1866

47. Journal of Senate during 16th session. Sacramento, Clayes, state prtr., 1866. 940 pp.
48. Journal of Assembly during 16th session. Sacramento, Clayes, state prtr., 1866. 1090 pp.
Appendix to Journals of Senate and Assembly. 3 vols.

COLLECTED DOCUMENTS—cont'd

16 session—cont'd

Serial No. December 4, 1865-April 2, 1866—cont'd

49. v. 1. Sacramento, Clayes, 1866. Documents [1-7]. v. p.
50. v. 2. ib. Documents [1-11]. v. p.
51. v. 3. ib. " [1-52]. v. p.

17 session

December 2, 1867-March 30, 1868

52. Journal of Senate during 17th session. Sacramento, Gelwicks, state prtr., 1868. 971 pp.
53. Journal of Assembly during 17th session. Sacramento, Gelwicks, 1868. 1119 pp.
Appendix to Journals of Senate and Assembly. 3 vols.
54. v. 1. Sacramento, Gelwicks, 1868. Documents [1-27]. v. p.
55. v. 2. ib. Documents [1-46]. v. p.
56. v. 3. ib. " [1-11]. v. p.

18 session

December 6, 1869-April 4, 1870

57. Journal of Senate during 18th session. Sacramento, Gelwicks, state prtr., 1870. 904 pp.
58. Journal of Assembly during 18th session. Sacramento, Gelwicks, 1870. 1064 pp.
Appendix to Senate and Assembly Journals. 3 vols.
59. v. 1. Sacramento, Gelwicks, 1870. Documents [1-8]. v. p.
60. v. 2. ib. Documents [1-41]. v. p.
61. v. 3. ib. " [1-78]. v. p.

19 session

December 4, 1871-April 1, 1872

62. Journal of Senate during 19th session. Sacramento, Springer, 1872. 905 pp.
63. Journal of Assembly during 19th session. Sacramento, Springer, 1872. 1113 pp.
Appendix to Senate and Assembly Journals. 4 vols.
64. v. 1. Sacramento, Springer, 1872. Documents [1-11]. v. p.
65. v. 2. ib. Documents [1-13]. v. p.
66. v. 3. ib. " [1-20]. v. p.
67. v. 4. ib. " [1-14]. v. p.

20 session

December 1, 1873-March 30, 1874

68. Journal of Senate during 20th session. Sacramento, Springer, state prtr., 1874. 1190 pp.
69. Journal of Assembly during 20th session. Sacramento, Springer, 1874. 1532 pp.
Appendix to Senate and Assembly Journals. 4 vols.
70. v. 1. Sacramento, Springer, 1874. Documents [1-6]. v. p.
71. v. 2. ib. Documents [1-7]. v. p.
72. v. 3. ib. " [1-3]. v. p.
73. v. 4. ib. " [1-12]. v. p.
74. v. 5. ib. " [1-28]. v. p.
The following documents, called for by no. and title in the table of contents, were missing in volume seen by compiler:
doc. 5. Rept. of Senate Hospital Committee on Deaf, Dumb, and Blind Asylum.
doc. 12. Stmt. of progress of state geological survey.
doc. 17. Rept. of committee on education.
75. v. 6. ib. Documents [1-26].

21 session

December 6, 1875-April 3, 1876

76. Journal of Senate during 21st session. Sacramento, State Printing Office, 1876. 724 pp.
77. Journal of Assembly during 21st session. Sacramento, State Printing Office, 1876. 796 pp.
Appendix to Senate and Assembly Journals. 5 vols.
78. v. 1. Sacramento, Springer, 1875. Documents [1-4]. v. p.
79. v. 2. ib. Documents [1-11]. v. p.
80. v. 3. ib. " [1-5]. v. p.
81. v. 4. Sacramento. State Printing Office. 1876. Documents [1-9]. v. p.
82. v. 5. ib. Documents [1-36]. v. p.

22 session

December 3, 1877-April 1, 1878

83. Journal of Senate during 22d session. Sacramento, State Printing Office, 1878. 662 pp.
84. Journal of Assembly during 22d session. Sacramento, State Printing Office, 1878. 921 pp.
Appendix to Senate and Assembly Journals. Sacramento, State Printing Office, 1878. 3 vols.
85. v. 1. Documents [1-13]. v. p.
86. v. 2. " [1-2]. v. p.
87. v. 3. " [1-10]. v. p.
88. v. 4. " [1-55]. v. p.

23 session

January 5-April 16, 1880

89. Journal of Senate during 23d session. Sacramento, 1880. 861 pp.

COLLECTED DOCUMENTS—cont'd

23 session—cont'd

Serial No. January 5-April 16, 1880—cont'd

90. Journal of Assembly during 23d session. Sacramento, 1880. 967 pp.
Appendix to Senate and Assembly Journals. Sacramento, 1879-1880. 6 vols.
91. v. 1. 1879. Documents [1-17]. v. p.
92. v. 2. 1879. " [1-4]. v. p.
93. v. 3. 1879. " [1-4]. v. p.
94. v. 4. 1879. " [1-2]. v. p.
95. v. 5. 1880. " [1-20]. v. p.
96. v. 6. 1880. " [1-4]. v. p.

24 session

January 8-March 4, 1881.

97. Journal of Senate during 24th session. Sacramento, 1881. 631 pp.
Includes journal of extra session.
98. Journal of Assembly during 24th session. Sacramento, 1881. 720 pp.
Includes journal of extra session.
Appendix to Senate and Assembly Journals. Sacramento, 1881. 3 vols.
99. v. 1. Documents [1-15]. v. p.
100. v. 2. " [1-15]. v. p.
101. v. 3. " [1-16]. v. p.

24 extra session

April 4-May 13, 1881

Journal of Senate.
Included in Senate Journal of 24th regular session, viz., 1881: 401-574.
Journal of Assembly.
Included in Assembly Journal of 24th regular session, viz., 1881: 481-653.

25 session

January 8-March 13, 1883

102. Journal of Senate during 25th session. Sacramento, 1883. 478 pp.
103. Journal of Assembly during 25th session. Sacramento, 1883. 757 pp.
104. Appendix to Senate and Assembly Journals. Sacramento, 1883. 6 vols.
105. v. 1. Documents [1-18]. v. p.
106. v. 2. " [1-3]. v. p.
107. v. 3. " [1-9]. v. p.
108. v. 4. " [1-9]. v. p.
109. v. 5. " [1-7]. v. p.
110. v. 6. " [1-8]. v. p.

25 extra session.

March 24-May 13, 1884

111. Journal of Senate during 25 extra session. Sacramento, 1884. 139 pp.
112. Journal of Assembly during 25 extra session. Sacramento, 1884. 228 pp.
113. Appendix to Senate and Assembly Journals. Sacramento, 1884. 1 vol. Documents [1-5]. v. p.

26 session

January 5-March 11, 1885

114. Journal of Senate during 26th session. Sacramento, 1885. 663 pp.
115. Journal of Assembly during 26th session. Sacramento, 1885. 752 pp.
116. Appendix to Senate and Assembly Journals. Sacramento, 1885. 6 vols.
117. v. 1. Documents [1-15]. v. p.
118. v. 2. " [1-2]. v. p.
119. v. 3. " [1-6]. v. p.
120. v. 4. " [1-3]. v. p.
121. v. 5. " [1-10]. v. p.
122. v. 6. " [1-13]. v. p.

26 extra session

July 20-September 11, 1886.

123. Journal of the Senate during the 26th (extra) session. Sacramento, 1887. (2), 102 pp.
124. Journal of the Assembly during the 26th (extra) session. Sacramento, 1887. (2), 125 pp.

27 session

January 3-March 12, 1887

125. Journal of Senate during 27 session. Sacramento, 1887. 698 pp.
126. Journal of Assembly during 27 session. Sacramento, 1887. 944 pp.
Appendix to Senate and Assembly Journals. Sacramento, 1887. 8 vols.
127. v. 1. Documents [1-18]. v. p.
128. v. 2. " [1-15]. v. p.
129. v. 3. " [1-2]. v. p.
130. v. 4. " [1-4]. v. p.
131. v. 5. " [1-4]. v. p.
132. v. 6. " [1-2]. v. p.
133. v. 7. " [1-3]. v. p.
134. v. 8. " [1-25]. v. p.

COLLECTED DOCUMENTS—cont'd

28 session

Serial No. January 7-March 16, 1889

135. Journal of Senate during 28th session. Sacramento, 1889. 1147 pp.
136. Journal of Assembly during 28th session. Sacramento, 1889. 1119 pp.
Appendix to Senate and Assembly Journals. Sacramento, 1889. 8 vols.
137. v. 1. Documents [1-15]. v. p.
138. v. 2. " [1-11]. v. p.
139. v. 3. " [1-2]. v. p.
140. v. 4. " [1-2]. v. p.
141. v. 5. " [1-5]. v. p.
142. v. 6. " [1-10]. v. p.
143. v. 7. " [1-5]. v. p.
144. v. 8. " [1-10]. v. p.

29 session

January 5-March 25, 1891

145. Journal of Senate during 29th session. Sacramento, 1891. 994 pp.
146. Journal of Assembly during 29th session. Sacramento, 1891. 1049 pp.
Appendix to Senate and Assembly Journals. Sacramento, 1891. 8 vols.
147. v. 1. Documents [1-14]. v. p.
148. v. 2. " [1-20]. v. p.
149. v. 3. " [1-2]. v. p.
150. v. 4. " [1-2]. v. p.
151. v. 5. " [1]. v. p.
152. v. 6. " [1-6]. v. p.
153. v. 7. " [1-10]. v. p.
154. v. 8. " [1-2]. v. p.

30 session

January 2-March 14, 1893

155. Journal of Senate during 30th session. Sacramento, 1893. 1244 pp.
156. Journal of Assembly during 30th session. Sacramento, 1893. 1249 pp.
Appendix to Senate and Assembly Journals. Sacramento, 1893. 9 vols.
157. v. 1. Documents [1-18]. v. p.
158. v. 2. " [1-5]. v. p.
159. v. 3. " [1-3]. v. p.
160. v. 4. " [1-2]. v. p.
161. v. 5. " [1-2]. v. p.
162. v. 6. " [1-3]. v. p.
163. v. 7. " [1-30]. v. p.
164. v. 8. " [1-10]. v. p.
165. v. 9. " [1]. v. p.

31 session

January 7-March 16, 1895

166. Journal of Senate during 31st session. Sacramento, 1895. 1312 pp.
167. Journal of Assembly during 31st session. Sacramento, 1895. 1293 pp.
Appendix to Senate and Assembly Journals. Sacramento, 1895. 6 vols.
168. v. 1. Documents [1-14]. v. p.
169. v. 2. " [1-3]. v. p.
170. v. 3. " [1-4]. v. p.
171. v. 4. " [1-4]. v. p.
172. v. 5. " [1-3]. v. p.
173. v. 6. " [1-30]. v. p.

32 session

January 4-March 20, 1897

174. Journal of Senate during 32d session. Sacramento, 1897. 1339 pp.
175. Journal of Assembly during 32d session. Sacramento, 1897. 1504 pp.
Appendix to Senate and Assembly Journals. Sacramento, 1897. 7 vols.
176. v. 1. Documents [1-13]. v. p.
177. v. 2. " [1-6]. v. p.
178. v. 3. " [1-4]. v. p.
179. v. 4. " [1-5]. v. p.
180. v. 5. " [1-12]. v. p.
181. v. 6. " [1-17]. v. p.
182. v. 7. " [1-7]. v. p.

33 session

January 2-March 19, 1899

183. Journal of Senate during 33d session. Sacramento, 1899. 1582 pp.
184. Journal of Assembly during 33d session. Sacramento, 1899. 1836 pp.
Appendix to Senate and Assembly Journals. Sacramento, 1899. 2 vols.
185. v. 1. Documents [1-21]. v. p.
186. v. 2. " [1-8]. v. p.

COLLECTED DOCUMENTS—cont'd

34 session

Serial No. January 7-March 16, 1901

187. Journal of Senate during 34th session. Sacramento, 1901. 1348 pp.
188. Journal of Assembly during 34th session. Sacramento, 1901. 1308 pp.
Appendix to Senate and Assembly Journals. Sacramento, 1901. 4 vols.
189. v. 1. Documents [1-15]. v. p.
190. v. 2. " [1-9]. v. p.
191. v. 3. " [1-9]. v. p.
192. v. 4. " [1-10]. v. p.

COLLECTED DOCUMENTS—cont'd

35 session

Serial No. January 5-March 14, 1903

193. Journal of Senate during 35th session. Sacramento, 1903. 1428 pp.
194. Journal of Assembly during 35th session. Sacramento, 1903. 1755 pp.
Appendix to Senate and Assembly Journals. Sacramento, 1903. 3 vols.
195. v. 1. Documents [1-14]. v. p.
196. v. 2. " [1-25]. v. p.
197. v. 3. " [1-8]. v. p.

PART II

TOPICAL ANALYSIS

ABALONE; see FISH AND GAME

ABATTOIRS

1877/9. Rept. on abattoirs and public baths; by A. B. Stout. (5 bienn. rept. bd. of health 1877/9: 94-103.)

——. Same; separate. 1879. 12 pp., 1 map. (Health bd.)

1892. Comment on livestock interest of state: attempt to provide bureau of information and statistics re. livestock, now being made before Congress indorsed; permanent establishment of large abattoirs in Cal. commended. (Trans. State Agric. Socy. 1891: 17-19.)

ACCIDENTS

Insurance; see Insurance

Railway; see Railroads

ADMINISTRATION OF JUSTICE: CITY

1878. Rept. of [Sen.] committee of free conference on Assem. substitute for Sen. bill 200. 4 pp. (App. to jols. 22 sess. v. 4 [doc. 45].)
Police force of S. F.

——. Rept. of [Assem.] committee on free conference on Assem. substitute for Sen. bill 200. 4 pp. (*Same* 22 sess. v. 4 [doc. 44].)
Police force of S. F.

1901. Repts. on investigation of charges agst. police dept. of San Francisco. (Assem. jol. 34 sess. pp. 517-519; 622-623; 624-628.)

ADMINISTRATION OF JUSTICE: STATE

serial

1 series

1850/1-1862/3. Ann. rept. of atty. gen.

In Collected docs. as follows:

1850/1	omitted.									
1852	in	App.	to	Sen.		jol.	1853	doc.	74.	
1853/4	"	"	"	Assem.	"	6	sess.	doc.	6.	
"	"	"	"	Sen.	"	"	"	"	"	
1854/5	none appears to have been made (Bowker).									
1855/6	in	App.	to	Assem.	jol.	8	sess.	unnum.	doc.	
1856/7	none appears to have been made (Bowker).									
1857/8	in	App.	to	Assem.	jol.	10	sess.	unnum.	doc.	
"	"	"	"	Sen.	"	10	"	"	"	
1858/9	"	"	"	Assem.	"	11	"	"	"	
"	"	"	"	Sen.	"	11	"	"	"	
1859/60	"	"	"	Assem.	"	12	"	"	"	
"	"	"	"	Sen.	"	12	"	"	"	
1860/1	"	"	"	jols.	13	sess.	unnum.	doc.		
1861/2	"	"	"	"	14	"	"	"		
1862/3	"	"	"	"	15	"	v. 1	unnum.	doc.	

2 series

1863/5-1877/9. Bienn. rept. of atty. gen.

In Collected docs. as follows:

1863/5*	in	App.	to	jols.	16	sess.	v. 1	unnum.	doc.
1865/7	"	"	"	"	17	"	v. 1	"	"
1867/9	"	"	"	"	18	"	v. 1	"	"
1869/71	"	"	"	"	19	"	v. 1	"	"
1871/3	"	"	"	"	20	"	v. 1	"	"
1873/5	"	"	"	"	21	"	v. 5	"	"
1875/7	"	"	"	"	22	"	v. 1	"	"
1877/9	"	"	"	"	23	"	v. 1	"	"

* Called ann. rept. but covers two years.

ADMINISTRATION OF JUSTICE: STATE—cont'd

serial—cont'd

3 series

1880. Rept. [ann.] of atty. gen.

In Collected docs. as follows:
1880 in App. to jols. 24 sess. v. 1 unnum. doc.

4 series

1880/2-1902/4. Bienn. rept. of atty. gen.

In Collected docs. as follows:

1880/2	in	App.	to	jols.	25	sess.	v. 1	unnum.	doc.
1882/4	"	"	"	"	26	"	v. 1	"	"
1885/6	"	"	"	"	27	"	v. 1	"	"
1886/8	"	"	"	"	28	"	v. 1	"	"
1888/90	"	"	"	"	29	"	v. 1	"	"
1890/2	"	"	"	"	30	"	v. 1	"	"
1892/4	"	"	"	"	31	"	v. 1	"	"
1895/6	"	"	"	"	32	"	v. 1	"	"
1896/8	"	"	"	"	33	"	v. 1	"	"
1898/00	"	"	"	"	34	"	v. 4	"	"
1900/2	"	"	"	"	35	"	v. 1	"	"

non-serial

1894. Comments on sheriff's claims. (A.R. bd. examiners dated 1895: 49-50.)

——. Comment on expenses for extradition of criminals. (*Same* dated 1895: 50.)

1894-1898. Suits agst. state under enabling act of 1893. (Rept. atty. gen. 1895/6 (pp. 5-10)—*same* 1897/8.)

1896. Comments on per diem of sheriffs. (A.R. bd. examiners dated 1897: 19-20.)

Attorney General

1863. Recommended that powers of atty. gen. be increased; that a clerk who is an atty.-at-law be provided, and with salary to employ talent that could be useful in courts; and that traveling expenses be allowed in certain cases. (A.R. atty. gen. 1863: 4-5.)

1869. Increased apprn. asked for. (*Same* 1868/9: 9.)

1882. Increase of salary of atty. gen. recommended. (*Same* 1881/2: 15.)

1888. Recommended that office of atty. gen. be allowed clerk; also that law be passed to the effect that atty. gen. shall not be a member of any bd. or comn. (*Same* 1887/8: 6-7.)

1891. Atty. gen's. rept. re. deficiencies existing in his office. (Sen. jol. 29 sess. pp. 196-197.)

1892-1894. Increased apprn. for traveling expenses recommended. (Rept. atty. gen. 1891/2 (pp. 19-20)—*same* 1893/4.)

1893. Rept. on investigation of charges agst. atty. gen., W. H. H. Hart, for misconduct. (Assem. jol. 30 sess. pp. 877-879.)

1895-1896. Amt. of balance remaining unexpended of sum appropriated for library of atty. gen. (Rept. atty. gen. 1895/6: 18.)

1900-1902. Clerical force allowed atty. gen. inadequate. (*Same* 1899/00 (pp. 12-13)—*same* 1900/2.)

1902. Stmt. of deficiencies allowed by state bd. of examiners to funds of atty. gen. (*Same* 1900/2: 72.)

EXPENDITURES FOR; see below, RECEIPTS, ETC.

ADMINISTRATION OF JUSTICE: STATE—cont'd

Courts

SUPREME COURT

See also below, Receipts, etc.

1861. Recommended revision of law re. Supreme Court repts. which would save to state treasury half of sum ann. expended under present system of reporting. (A.R. atty. gen. 1861: 9.)

1862. Recommended that clerk of Supreme Court be made salaried officer, and that fees of court be reduced and he compelled to pay his receipts into state treasury. (*Same* 1862: 9.)

1870. Rept. [favorable] of conference committee on Sen. bill 280, act which proposes to raise salary of secy. of Supreme Court, on acct. of his increased duties, as librarian, etc. 2 ll. (App. to jols. 18 sess. v. 3 doc. [56].)

1885. Majority and minority repts. on charges preferred agst. clerk of Supreme Court, of all of which they find him guiltless, except of gross neglect in keeping books. (Assem. jol. 26 sess. pp. 636-640.)

District Attorney

1898/00-1902/4. Bienn. repts. of district attys. (Rept. atty. gen. 1898/00 (pp. 53-64)—*same* 1902/4.)

Receipts and Expenditures

1849/50-1862. Expenditures of judicial dept. (A.R. state comptroller 1849/50 (pp. 521-522)—*same* 1861/2.)

Paging from Collected docs.

1858. Stmt. of contingent expenses of atty. gen's. office. (Sen. jol. 10 sess. pp. 293-294.)

1858/9. Stmt. of accts. paid out of Supreme Court contingent fund from July 1 to Feb. 11. (*Same* 10 sess. pp. 260-261.)

1862-1904. Financial stmt. (A.R. atty. gen. 1862 (p. 23)—bienn. rept. *same* 1902/4.)

No returns in repts. for 1885/6, 1889/90-1891/2. Stmts. for yrs. 1890/1-1894/5 found in rept. 1893/4.

1865-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended of judicial dept. (Bienn. rept. state controller 1863/5 (p. 38)—*same* 1902/4.)

1881. Stmt. of expense incurred in Hatch (Supreme Judge Colusa Co.) impeachment case. (Asem. jol. 24 sess. pp. 436-441.)

1882-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for atty. gen. (Bienn. rept. controller 1880/2 (p. 58)—*same* 1902/4.)

ADULTERATION

Food Products; see Industries, etc. Food Law; do. Inspection
Wine; see Industries, etc. Liquor

AGRICULTURAL COLLEGE; see AGRICULTURE. EDUCATION

AGRICULTURAL EXPERIMENT STATION

serial

REPORTS

A

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Under state govt. supported by special apprns. and by apportionment from general funds of the University of Cal.

1876/7-1888/90. Repts. of the College of Agric., Univ. of Cal. Sacramento, 1877-1890.

Checklist

unnum. 1876/7. University of Cal., Berkeley. Repts. to pres. of the University, from the Colleges of Agriculture and the Mechanic Arts. 1877. 80 pp.

AGRICULTURAL EXPERIMENT STATION—cont'd

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REPORTS—cont'd

A—cont'd

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Checklist—cont'd

unnum. 1878/9. University of Cal. College of Agriculture. Supplement to the bienn. rept. of bd. of regents. 1879. 113 pp.

" 1880. University of Cal. College of Agriculture. Rept. of the professor in charge to the bd. of regents, being a part of the rept. of the regents of the University. 1881. 108 pp.

" 1881/2. Same. 1882. 1883. 179 pp. illus. foldg. sheets.

" 1882/4. Same. 1884. 1884. 111 pp. foldg. sheet.

" 1885/6. University of Cal. College of Agriculture. Supplement to the bienn. rept. of the bd. of regents. 1887. 107 pp. foldg. sheet.

" 1887/8. University of Cal. College of Agriculture. Rept. of the professor in charge to the president, being a part of the rept. of the regents of the University. By E. W. Hilgard. 1889. 19 pp.

" 1888/90. Same, for the two yrs. ending June 30, 1890. 1890. 14 pp.

2 series

Under Hatch Act

1888/9-1903/4. [Repts. of agric. exper. station.]

Checklist

unnum. 1888/9. University of Cal. College of Agriculture. Agricultural Experiment Station. Rept. on the agric. exper. stations of the U. S., with descriptions of the regions represented. By E. W. Hilgard. Being a part of the combined repts. for 1888 and 1889. Sacramento, 1890. 204 pp.

" 1890. Same. Being a part of the rept. of the regents of the University. Sacramento, 1891. 329 pp. illus.

" 1891/2. Same. Sacramento, 1893. 316 pp.

" 1892/3 and part of 1894. Same. Sacramento, 1894. 504 pp. pls.

" 1894/5. Same. Sacramento, 1896. xii, 481 pp. illus. pls.

" 1895/7. University of Cal. College of Agriculture. Agricultural Experiment Station. Partial rept. of work of the agric. exper. stations of the U. S. for the yrs. 1895-1896, 1896-1897. Being a part of the rept. of the regents of the University. University Press, Berkeley, 1898. 455 pp. pls. illus.

" 1897/8. University of Cal. College of Agriculture. Agricultural Experiment Station. Rept. of work of the agric. exper. stations of the U. S. for the yr. 1897/8. Being a part of the rept. of the regents of the University. Sacramento, 1900. 367 pp. pls. illus.

" 1898/01. University of Cal. Publications. Rept. of work of the agric. exper. stations of the U. S. for the yrs. 1898-1901. Sacramento, 1902. 2 pts. pt. 1, 144 pp. illus. pt. 2, pp. iv, 145-409. illus.

" 1901/3. Same, from June 30, 1901 to June 30, 1903. Sacramento, 1903. 222 pp.

With the foregoing rept. a change is inaugurated in the policy heretofore pursued in the method of publication. Thus far the bulk of the work of the experiment station had been published in (mostly biennial) repts., ranging near 400 pages while only such matter as seemed of more pressing importance was published at once in the form of bulletins. This policy is now reversed by publishing results mainly in bulletin form so soon as completed, and to include in the repts. merely such matter as is not suitable for circulation in bulletins because being of minor interest to the State at large, or too technical in its nature.

22.* 1903/4. Same. Sacramento, 1904. 228 pp. illus.

In Collected docs. as follows:

1 series

1876/7-1888/90 omitted.

* This numbering calculates the inclusion in this series of the four viticultural repts.

AGRICULTURAL EXPERIMENT STATION—cont'd

serial—cont'd

REPORTS—cont'd

A—cont'd

2 series

1888/9-1892/3 omitted.
1894/5 in App. to jols. 32 sess. v. 4.
1895/7 omitted.
1897/8 in App. to jols. 34 sess. v. 3.
1898/01 " " " " 35 " v. 3.
1901/3 " " " " 36 " v. 3.

B

1883/4-1887/93. Rept. of the viticultural work. Sacramento, 1886-1896.

Checklist

1883/4 and 1884/5. University of Cal. College of Agriculture. Rept. of viticultural work during the seasons of 1883/4 and 1884/5, being app. iv to the rept. for 1884. With notes regarding the vintage of 1885-1886. By E. W. Hilgard. 1886. 210 pp.

1885/6. Same, during the seasons 1885 and 1886. Being app. vi to the rept. for 1886. By E. W. Hilgard. 1886. 186 pp.

1887/9. Same, during the seasons 1887-1889, with data regarding the vintage of 1890. Part 1. Red-wine grapes. Prepared under the direction of E. W. Hilgard by L. Paparelli. Being a part of the rept. of the regents of the Univ. 1892. 345 pp.

1887/93. Same, during the seasons 1887-1893, with data regarding the vintage of 1894-1895. Being a part of the rept. of the regents of the Univ. 1896. vii (1), 466 pp.

In Collected docs. as follows:
1883/4-1887/9 omitted.
1887/93 in App. to jols. 32 sess. v. 4 [doc. 4].

BULLETINS

1 series

Under University of Cal.

188(3?)-1887. University of Cal. Exper. Station. Bulletins, nos. 1-77.

Checklist

188(3?)

no. 1. Examination of the water of the San Fernando tunnel, Los Angeles co. n. d. 1883 (?) 1 sheet.

1884

no. 2. List of plants ready for distribution from the University, Feb. 1. 1 sheet.
——. Reprinted in Bienn. rept. agric. college 1883/4: 104-105.
no. 3. Possible efficacy of various insecticide remedies agst. the phylloxera, Jan. 17. 1 sheet.
——. Reprinted in Rept. on vitic. work, agric. college, 1883/5: 177.
no. 4. Analyses of tanning materials, Jan. 23. 1 sheet.
no. 5. Notice re. distribution of plants, Feb. 2. 1 sheet.
——. Reprinted in Bienn. rept. agric. college, 1883/4: 104-109.
no. 6. Comparative examination of claret grapes from Fresno and Livermore valley, Feb. 19. 1 sheet.
——. Repr. in Rept. of vitic. work, agric. college, 1883/5: 45-51.
no. 7. Examination of irrigation waters, Feb. 26. 1 sheet.
no. 8. Examination of fertilizing materials, Mch. 6. 1 sheet.
no. 9. Examination of zinfandel wines, Apr. 2. 1 sheet.
——. Repr. in Rept. on vitic. work, agric. college 1883/5: 64-65.
no. 10. Examination of soils, Apr. 16. 1 sheet.
no. 11. Concerning the census rept. [U. S. 10th census v. 6] "On the physical and agricultural features of California"; May 1. 1 sheet.
no. 12. Examination of zinfandel wines, May 30. 1 sheet.
——. Repr. in Rept. on vitic. work, agric. college, 1883/5: 62-63.
no. 13. Examination of red or claret wines from Mr. H. W. Crabb, Oakville, Napa co., Aug. 8. 1 sheet.
——. Repr. in Rept. on vitic. work, agric. college, 1883/5: 70-72.
no. 14. Examination of artesian waters from the San Joaquin Valley, Aug. 20. 1 sheet.
no. 15. Examination of soils from So. Calif.: from Redlands colony; from Cajon Valley, Aug. 30. 1 sheet.

AGRICULTURAL EXPERIMENT STATION—cont'd

serial—cont'd

BULLETINS—cont'd

1 series—cont'd

Checklist—cont'd

1884—cont'd

no. 16. Entomology in the College of Agriculture, Sept. 11. 1 sheet.
——. Reprinted in Bienn. rept. agric. exper. station, 1883/4: 79-80.
no. 17. The Muscat grape on the southern mesas, n. d. 1 sheet.
no. 18. Mr. J. A. Bauer's phylloxera remedy, Oct. 1. 1 sheet.
no. 19. Observations on the phylloxera made during 1884, Oct. 10. 1 sheet.
——. Reprinted in Rept. of vitic. work, college of agric. 1883/5: 162-163.
no. 20. Examination of stream and well waters; the artesian well at the Stockton asylum, Oct. 23. 1 sheet.
no. 21. Examination of red wines from Sonoma and Napa counties, n. d. 1 sheet.
——. Repr. in Rept. on vitic. work, agric. college, 1883/5: 72-74.
no. 22. University seed distribution, Nov. 15. 1 sheet.
——. Repr. in Bienn. rept. agric. college 1883/4: 106-107.
no. 23. Vintage work in the viticultural laboratory, 1884, Nov. 20. 1 sheet.
no. 24. Examinations of grape-growing soils n. d. 1 sheet.
no. 25. Examinations of Alameda co. vineyard soils, n. d. 1 sheet.
no. 26. Examinations of various vegetable substances, Dec. 11. 1 sheet.
no. 27. Examination of soils from the northern coast range region, Dec. 18. 1 sheet.
no. 28. Examination of tule, marsh, and alkali soils n. d. 1 sheet.
no. 29. Distribution of plants and scions, Dec. 29. 1 sheet.
——. Reprinted in Bienn. rept. agric. college, 1883/4: 104-109.
no. 29 (sic. i. e. 30). Concerning specimens sent for examination; various upland soils, n. d. 1 sheet.

1885

no. 31. Examination of Trousseau and Burger wines, Jan. 29. 1 sheet.
no. 32. Examinations of well and spring waters, Feb. 12. 1 sheet.
no. 33. Examinations of soils and waters, Feb. 26. 1 sheet.
no. 34. Experiments on the growth of cuttings from wild American wines, Mch. 12. 1 sheet.
no. 35. Investigations of wines from rare grape varieties grown by the Natoma Water and Mining Co., Folsom, 1884, Mondeuse; Sirah; Apr. 2. 1 sheet.
no. 36. Examinations of soils and sub-soils, Apr. 10. 1 sheet.
no. 37. Same as no. 35; Cinsaut, Petit, Bauschet, Verdot, Meriot, Apr. 17. 1 sheet.
no. 38. Same; Beclan, Cabernet Franc, Cabernet Sauvignon, Apr. 30. 1 sheet.
no. 39. Analyses of oranges and lemons from the Riverside citrus fair, March, 1845 (sic. i. e. 1885), May 22. 1 sheet.
no. 40. Clairette Blanche, May 5. 1 sheet.
no. 41. The olive, June 20. 1 sheet.
no. 42. Vintage work in the viticultural laboratory, 1885. Aug. 13. 1 sheet.
no. 43. Analyses of Santa Clara red wines, Sept. 10. 1 sheet.
no. 44. The "bedrock lands" of Sacramento co., Oct. 2. 1 sheet.
no. 45. Grafting the Calif. wild vine, Oct. 2. 1 sheet.
no. 46. Grafting and fruiting of resistant vines, n. d. 1 sheet.
no. 47. Seed distribution, n. d. 1 sheet.
——. Repr. in Bienn. rept. agric. college, 1885/6: 158-160.
no. 48. Investigation upon the mercurial phylloxera remedy, Nov. 12. 1 sheet.
——. Reprinted in Rept. of vitic. work of agric. college, 1883/5: 179-181.
no. 49. Examinations of soils from the bay region, Dec. 4. 1 sheet.
no. 50. Distribution of plants and scions, Dec. 29. 1 sheet.
——. Repr. in Bienn. rept. agric. college, 1885/6: 160-162.

AGRICULTURAL EXPERIMENT STATION—cont'd

serial—cont'd

BULLETINS—cont'd

1 series—cont'd

Checklist—cont'd

1886

no. 51. The wines of 1885, Jan. 15. 1 sheet.
——. Repr. in Rept. on vitic. work, agric. college, 1883/5 : 158-159 ; 1885/6 : 28-30.
no. 52. Alkaline washes for fruit trees, Feb. 6. 1 sheet.
no. 53. Irrigation, drainage and alkali, Feb. 25. 1 sheet.
no. 54. Condensed grape must and its uses, Apr. 23. 1 sheet.
——. Repr. in Rept. on vitic. work, agric. college, 1885/6 : 42-44.
no. 55. The woolly aphis and its repression, May 6. 1 sheet.
no. 56. Whale-oil soap insecticide washes, May 17. 1 sheet.
no. 57. Vintage work and instruction in the viticultural laboratory, 1886, Aug. 20. 1 sheet.
no. 58. The Hessian fly and resistant grains, Oct. 9. 1 sheet.
no. 59. Concerning the University experimental plot at Cupertino, Santa Clara co., Nov. 26. 1 sheet.
no. 60. Calorimetric measurement of wines, Dec. 10. 1 sheet.
no. 61. Distribution of seeds and plants, Dec. 23. 1 sheet.
no. 62. Distribution of cuttings and scions, Dec. 29. 1 sheet.

1887

no. 63. Experiments on methods of fermentation, Jan. 6. 1 sheet.
no. 64. Planting and grafting resistant vines, Jan. 28. 1 sheet.
no. 65. Shall California make sophisticated wines?, Feb. 11. 1 sheet.
no. 66. The principles and pasteurizing [of wines], Feb. 25. 1 sheet.
no. 67. Misconception of the University viticultural work, Mch. 26. 1 sheet.
no. 68. University distribution of seeds, plants, etc., Apr. 15. 1 sheet.
no. 69. Wine colors and color-wines, May 12. 1 sheet.
no. 70. Abnormal deposits on vine leaves; mysterious death of vines; remedy for the anthrocnose of vines, June 4. 1 sheet.
no. 71. The use of gases agst. scale insects, June 12. 1 sheet.
no. 72. Sugar beets at Fresno; the Hessian fly and resistant grains, Aug. 12. 1 sheet.
no. 73. The use of hydrocyanic acid agst. scale insects, Aug. 27. 1 sheet.
no. 74. Vintage work and instruction in the viticultural laboratory, 1887, Aug. 26. 1 sheet.
no. 75. Spray and band treatments for the codlin moth; difficult fermentations during vintage just past, Nov. 19. 1 sheet.
no. 76. Distribution of seeds and plants, Dec. 10. 1 sheet.
no. 77. The extraction of color and tannin during red wine fermentation, Dec. 30. 1 sheet.

2 series

Under Hatch Act

1888-1904. Bulletins, 78-155.

Bull. 144 is the only bulletin found in the Collected docs. It may be found in App. to jols. 35 sess. v. 3.

Under the Hatch act, providing for an annual federal apprn. for the support of agric. experiment stations, these publications are no longer absolutely state publications. They have been indexed by subject, but a numerical list of them has been dispensed with.

CIRCULARS

A

1903-1904. Circulars, 1-12.

Checklist

1903

no. 1. Texas fever, by A. R. Ward. 7 pp.
no. 2. Blackleg, by A. R. Ward. 3 pp.
no. 3. Hog cholera, by A. R. Ward. 6 pp.
no. 4. Anthrax, by A. R. Ward. 3 pp.
no. 5. Contagious abortion in cows, by J. Law. 13 pp.
no. 6. Methods of physical and chemical soil analysis, by E. W. Hilgard. 23 pp.
no. 7. Remedies for insects, by C. W. Woodworth. 19 pp.

AGRICULTURAL EXPERIMENT STATION—cont'd

serial—cont'd

CIRCULARS—cont'd

A—cont'd

Checklist—cont'd

1903—cont'd

no. 8. Laboratory method for ordinary chemical examination of waters for irrigation and domestic purposes. 4 pp.

1904

no. 9. Asparagus rust investigation, by R. E. Smith. 20 pp.
no. 10. Reading course in economic entomology, by C. W. Woodworth. 18 (1) pp.
no. 11. Fumigation practice, by C. W. Woodworth. 27 (1) pp.
no. 12. Silk culture, by C. W. Woodworth. 6 pp.

B

1896-1904. Circulars [unnumbered].

Checklist

1896. Sugestions regarding examination of lands, Oct. 7 pp.
1899. Distribution of seeds and plants.
1900. " " " " "
1901. " " " " "
" Brown rot of stone fruits. Bioletti.
" Warning to olive growers. Bioletti.
1902. Distribution of seeds and plants.
[1903]. The new fertilizer law. 6 pp.

Those items for which no pagination is given, were not seen by the compiler. Titles were taken from Rept. agric. exper. station 1898/01 : 16.

non-serial

1870-1888. History of Berkeley Exper. Station. (Bienn. rept. agric. exper. station 1888/9: 19-21.)

1877-1878. Urging importance of establishing local experiment stations in the several different climatic regions of state. (Bienn. rept. agric. college, Univ. of Cal. 1876/7 (pp. 13-15)—*same* 1878/9.)

1883. Favoring establishment of seed farms in state. (Trans. state agric. socy. 1882: 21-22.)

1888. Progress of exper. station work; by Hilgard. (Agric. exper. station bull. 80.)

——. Extract from bull. no. 80, on progress of exper. station work. (Bienn. rept. agric. college 1887/8: 13-16.)

——. Rept. on establishment of outlying stations; by Hilgard. 3 pp. (Agric. exper. station, bull. 78.)

——. Same. (Bienn. rept. agric. college, State Univ. 1887/8: 11-13.)

1888/9-1903/4. Rept. of central exper. station (Berkeley). (Bienn. rept. agric. exper. station 1888/9 (pp. 19-53)—A.R. *same* 1903/4.)

——. Rept. of San Joaquin Valley Station (Tulare). (*Same* 1888/9 (pp. 112-148)—A.R. *same* 1903/4.)

——. Rept. of Southern Coast Range Station (Paso de Robles). (*Same* 1888/9 (pp. 89-111)—*same* 1901/3.)

1889. Description of experiment grounds of Berkeley Station; analyses of soils, description of bldgs. (*Same* 1888/9: 24-37.)

——. Review of work done in different depts. of Berkeley Station since its establishment. (*Same* 1888/9: 37-53.)

——. Description of San Joaquin Valley Station; location, improvements, water supply, etc. (*Same* 1888/9: 132-136.)

1889-1903/4. Rept. of Foothill Station (Jackson, Amador Co.). (*Same* 1888/9 (pp. 54-88)—A.R. *same* 1903/4.)

1889/90-1903/4. Agric. exper. stations of Cal. Univ. in acct. with U. S. apprn. (*Same* 1888/9 (p. 203)—A.R. *same* 1903/4.)

1890. Scope of station work on Pacific coast as compared with that of Atlantic and European stations. (A.R. agric. exper. station 1890: 18.)

AGRICULTURAL EXPERIMENT STATION—cont'd

non-serial—cont'd

1890. Comment on outlying sub-stations, and others that should be established. (Biennial rept. agric. college 1888/90: 9-13.)

1890-1903/4. Rept. of South Cal. Station (Pomona, Los Angeles Co.). (A.R. agric. exper. stations 1890 (pp. 292-300)—*same* 1903/4.)

1893. Rept. of exper. station exhibit at World's Fair, Chicago, and Midwinter Fair, S. F. (Biennial rept. agric. exper. stations 1892/4: 465-473.)

1895. Examples of results of work of the exper. stations since their establishment. (A.R. agric. exper. stations 1894/5: 2-7.)

1896. Work of agric. college and exper. stations; by Hilgard. 17 pp. (Agric. exper. station, bull. 111.)

1899-1901. Culture work at sub-stations; by Shinn. 120 pp. (*Same*, bull. 147.)

1903/4. Rept. of division of agric. technology. (A.R. agric. exper. stations 1903/4: 73-74.)

AGRICULTURAL SOCIETIES

1867. Organization of co. agric. societies advised; state aid to same recommended; proposed act for encouragement of same. (Trans. state agric. socy. 1866/7: 5; 501-506.)

——. Agric. and mechanical assns. of state best medium for distributing information to secure immigration; plan recommended for organization of an immigrant aid assn. to be assisted by a state apprn. (*Same* 1866/7 (pp. 6-10)—*same* 1868/9.)

1872. Farmers' clubs: address of state by committee of Cal. Farmers' Union. (*Same* 1872: 777-784.)

1872-1879. Transactions of the various co. and district agric. and hortic. societies and fairs. (*Same* 1872 (pp. 511-776)—*same* 1879.)

No returns in 1876 and 1877.

1883. Rept. recommending formation of a state fruit growers' assn.; discussion. (A.R. bd. hortic. 1883: 98-103.)

1886. Discussion of res. re. formation of Cal. fruit union. (Biennial rept. bd. hortic. 1885/6: 306-323.)

1886-1889. List of Cal. fruit growers' unions and assns. and officers. (*Same* 1885/6 (pp. 26-27)—A.R. *same* 1889.)

Bay District Agricultural Society

serial

1872. Transactions.

In Documents as follows:
1872 in Trans. state agric. socy. 1872: [749]-763.

Bay District Fair Ground Association

serial

1874. Transactions.

In Documents as follows:
1874 in Trans. state agric. socy. 1874: [685]-694.

Bay District Horticultural Society

serial

1872. Transactions.

In Documents as follows:
1872 in Trans. state agric. socy. 1872: [511]-562.

California Vine Growers' and Wine and Brandy Manufacturers' Association

1872. Rept. of organization and proceedings.

In Documents as follows:
1872 (Feb.) in Trans. state agric socy. 1870/1: 483-517.
1872 (Sept.) in Trans. state agric. socy. 1872: [437]-510.

District Agricultural Associations

Under act of April 15, 1880, to form agricultural districts, to provide for organization of agricultural assns. therein.

AGRICULTURAL SOCIETIES—cont'd

District Agricultural Associations—cont'd

DISTRICT No. 1

Composed of Alameda, Contra Costa and San Francisco cos.

serial

1880-1894. Transactions.

In Documents as follows:

1880	in	Trans.	state	agric.	socy.	1880: [191]-228.
1881	"	"	"	"	"	1881: [225]-241.
1882	"	"	"	"	"	1882: [233]-251.
1883	"	"	"	"	"	1883: [215]-231.
1884	"	"	"	"	"	1884: [259]-276.
1885	"	"	"	"	"	1885: [293]-315.
1886	"	"	"	"	"	1886: [419]-438.
1887	"	"	"	"	"	1887: [473]-495.
1888	"	"	"	"	"	1888: [425]-444.
1889	"	"	"	"	"	1889: [505]-527.
1890	"	"	"	"	"	1890: [393]-410.
1891	"	"	"	"	"	1891: [299]-310.
1892	"	"	"	"	"	1892: [223]-233.
1893	"	"	"	"	"	1893: 202-204.
1894	"	"	"	"	"	1894: [233]-235.

DISTRICT No. 2

Composed of San Joaquin, Calaveras, Fresno, Kern, Merced, Mariposa, Stanislaus, Tulare, and Tuolumne cos.

serial

1880-1894. Transactions.

In Documents as follows:

1880	in	Trans.	state	agric.	socy.	1880: [225]-258.
1881	"	"	"	"	"	1881: [243]-275.
1882	"	"	"	"	"	1882: [258]-271.
1883	"	"	"	"	"	1883: [233]-253.
1884	"	"	"	"	"	1884: [277]-298.
1885	"	"	"	"	"	1885: [317]-340.
1886	"	"	"	"	"	1886: [439]-483.
1887	"	"	"	"	"	1887: [497]-540.
1888	"	"	"	"	"	1888: [445]-513.
1889	"	"	"	"	"	1889: [529]-630.
1890	"	"	"	"	"	1890: [411]-473.
1891	"	"	"	"	"	1891: [311]-366.
1892	"	"	"	"	"	1892: [235]-270.
1893	"	"	"	"	"	1893: 205-208.
1894	"	"	"	"	"	1894: 236-241.

non-serial

1894/5. Financial stmt. of second district agric. assn., composed of co. of San Joaquin, from Dec. 10, 1894, to Dec. 10, 1895. (Trans. state agric. socy. 1895: [207]-211.)

DISTRICT No. 3

Composed of Sutter, Yuba, Butte, Colusa, Tehama, Yolo, Sacramento, and Glenn cos.

serial

1880-1894. Transactions.

In Documents as follows:

1880	in	Trans.	state	agric.	socy.	1880: [259]-292.
1881	"	"	"	"	"	1881: [277]-300.
1882	"	"	"	"	"	1882: [273]-288.
1883	"	"	"	"	"	1883: [255]-270.
1884	"	"	"	"	"	1884: [299]-315.
1885	"	"	"	"	"	1885: [341]-355.
1886	"	"	"	"	"	1886: [485]-504.
1887	"	"	"	"	"	1887: [541]-571.
1888	"	"	"	"	"	1888: [515]-533.
1889	"	"	"	"	"	1889: [631]-655.
1890	"	"	"	"	"	1890: [475]-490.
1891	"	"	"	"	"	1891: [367]-378.
1892	"	"	"	"	"	1892: [271]-277.
1893	"	"	"	"	"	1893: 209-212.
1894	"	"	"	"	"	1894: 242-243.

DISTRICT No. 4

Composed of Sonoma, Marin, Solano, Napa, and Lake cos.

serial

1880-1894. Transactions.

In Documents as follows:

1880	in	Trans.	state	agric.	socy.	1880: [293]-306.
1881	"	"	"	"	"	1881: [301]-324.
1882	"	"	"	"	"	1882: [289]-307.
1883	"	"	"	"	"	1883: [271]-300.
1884	"	"	"	"	"	1884: [317]-342.
1885	"	"	"	"	"	1885: [357]-385.
1886	"	"	"	"	"	1886: [505]-529.
1887	"	"	"	"	"	1887: [573]-612.
1888	"	"	"	"	"	1888: [535]-569.
1889	"	"	"	"	"	1889: [657]-693.
1890	"	"	"	"	"	1890: [491]-511.

AGRICULTURAL SOCIETIES—cont'd

District Agricultural Associations—cont'd

DISTRICT No. 4—cont'd

serial—cont'd

1891 in Trans. state agric. socy. 1891 : [379]-401.
1892 " " " " " 1892 : [279]-295.
1893 " " " " " 1893 : 213-219.
1894 " " " " " 1894 : 244-247.

DISTRICT No. 5

Composed of Santa Clara and San Mateo cos.

serial

1881-1894. Transactions.

In Documents as follows:

1881 in Trans. state agric. socy. 1881 : [325]-351.
1882 " " " " " 1882 : [309]-328.
1883 " " " " " 1883 : [301]-321.
1884 " " " " " 1884 : [343]-366.
1885 " " " " " 1885 : [387]-415.
1886 failed to send rept.
1887 in Trans. state agric. socy. 1887 : [613]-623.
1888 " " " " " 1888 : [571]-590.
1889 " " " " " 1889 : [695]-719.
1890 " " " " " 1890 : [513]-529.
1891 " " " " " 1891 : [405]-418.
1892 " " " " " 1892 : [297]-310.
1893 " " " " " 1893 : 220-224.
1894 " " " " " 1894 : 248-252.

DISTRICT No. 6

Composed of Los Angeles, San Diego, Santa Barbara, San Bernardino, Ventura, and Inyo cos.

serial

1880-1895. Transactions.

In Documents as follows:

1880 in Trans. state agric. socy. 1880 : [307]-315.
1881 " " " " " 1881 : [353]-363.
1882 " " " " " 1882 : [329]-358.
1883 " " " " " 1883 : [323]-360.
1884 " " " " " 1884 : [367]-396.
1885 " " " " " 1885 : [417]-455.
1886 " " " " " 1886 : [531]-565.
1887 " " " " " 1887 : [625]-648.
1888 " " " " " 1888 : [591]-616.
1889 " " " " " 1889 : [721]-752.
1890 " " " " " 1890 : [531]-549.
1891 " " " " " 1891 : [419]-437.
1892 " " " " " 1892 : [311]-329.
1893 " " " " " 1893 : 225-227.
1894 " " " " " 1894 : 253-255.
1895 " " " " " 1895 : 212-213.

DISTRICT No. 7

Composed of Monterey, Santa Cruz, San Luis Obispo, and San Benito cos.

serial

1880-1894. Transactions.

In Documents as follows:

1880 in Trans. state agric. socy. 1880 : [317]-327.
1881 " " " " " 1881 : [365]-376.
1882 " " " " " 1882 : [359]-372.
1883 " " " " " 1883 : [361]-374.
1884 " " " " " 1884 : [397]-410.
1885 " " " " " 1885 : [457]-474.
1886 " " " " " 1886 : [567]-580.
1887 " " " " " 1887 : [649]-665.
1888 " " " " " 1888 : [617]-634.
1889 " " " " " 1889 : [753]-769.
1890 " " " " " 1890 : [551]-567.
1891 " " " " " 1891 : [439]-452.
1892 " " " " " 1892 : [331]-339.
1893 " " " " " 1893 : 228-230.
1894 " " " " " 1894 : 256-258.

DISTRICT No. 8

Composed of Nevada, El Dorado, Placer, Amador, Alpine, and Mono cos.

serial

1880-1894. Transactions.

In Documents as follows:

1880 in Trans. state agric. socy. 1880 : [329]-343.
1881 " " " " " 1881 : [377]-409.
1882 " " " " " 1882 : [373]-388.
1883 " " " " " 1883 : [375]-404.
1884 " " " " " 1884 : [411]-466.
1885 " " " " " 1885 : [475]-495.
1886 " " " " " 1886 : [581]-593.
1887 " " " " " 1887 : [667]-680.
1888 " " " " " 1888 : [635]-646.
1889 " " " " " 1889 : [771]-782.
1890 " " " " " 1890 : [569]-583.
1891 " " " " " 1891 : [453]-462.
1892 " " " " " 1892 : [341]-349.
1893 " " " " " 1893 : 231-233.
1894 " " " " " 1894 : 259-261.

AGRICULTURAL SOCIETIES—cont'd

District Agricultural Associations—cont'd

DISTRICT No. 9

Composed of Del Norte, Humboldt, and Mendocino cos.

serial

1880-1894. Transactions.

In Documents as follows:

1880 in Trans. state agric. socy. 1880 : [345]-358.
1881 " " " " " 1881 : [411]-420.
1882 " " " " " 1882 : [389]-401.
1883 " " " " " 1883 : [405]-418.
1884 " " " " " 1884 : [467]-482.
1885 " " " " " 1885 : [497]-514.
1886 " " " " " 1886 : [595]-610.
1887 " " " " " 1887 : [681]-700.
1888 " " " " " 1888 : [647]-668.
1889 " " " " " 1889 : [783]-806.
1890 " " " " " 1890 : [585]-601.
1891 " " " " " 1891 : [463]-478.
1892 " " " " " 1892 : [351]-364.
1893 " " " " " 1893 : 234-236.
1894 " " " " " 1894 : 262-265.

DISTRICT No. 10

Composed of Siskiyou, Trinity, and Shasta cos.

serial

1880-1894. Transactions

In Documents as follows:

1880 in Trans. state agric. socy. 1880 : [359]-364.
1881 " " " " " 1881 : [421]-434.
1882 " " " " " 1882 : [403]-419.
1883 " " " " " 1883 : [419]-431.
1884 " " " " " 1884 : [483]-498.
1885 " " " " " 1885 : [515]-533.
1886 " " " " " 1886 : [611]-629.
1887 " " " " " 1887 : [701]-712.
1888 " " " " " 1888 : [669]-681.
1889 " " " " " 1889 : [807]-821.
1890 " " " " " 1890 : [603]-616.
1891 " " " " " 1891 : [479]-490.
1892 " " " " " 1892 : [365]-374.
1893 " " " " " 1893 : 237-240.
1894 " " " " " 1894 : 266-268.

DISTRICT No. 11

Composed of Plumas, Lassen, Sierra, and Modoc cos.

serial

1880-1894. Transactions.

In Documents as follows:

1880 in Trans. state agric. socy. 1880 : [365]-371.
1881 " " " " " 1881 : [435]-440.
1882 " " " " " 1882 : [421]-428.
1883 " " " " " 1883 : [433]-446.
1884 " " " " " 1884 : [499]-514.
1885 " " " " " 1885 : [535]-552.
1886 " " " " " 1886 : [631]-646.
1887 " " " " " 1887 : [713]-729.
1888 " " " " " 1888 : [683]-704.
1889 " " " " " 1889 : [823]-848.
1890 " " " " " 1890 : [617]-638.
1891 " " " " " 1891 : [491]-505.
1892 " " " " " 1892 : [375]-388.
1893 " " " " " 1893 : 241-246.
1894 " " " " " 1894 : 269-272.

DISTRICT No. 12

Composed of Mendocino and Lake cos.

serial

1883-1894. Transactions.

In Documents as follows:

1883 in Trans. state agric. socy. 1883 : [447]-460.
1884 " " " " " 1884 : [515]-535.
1885 " " " " " 1885 : [553]-566.
1886 " " " " " 1886 : [647]-661.
1887 " " " " " 1887 : [731]-756.
1888 " " " " " 1888 : [705]-717.
1889 " " " " " 1889 : [849]-864.
1890 " " " " " 1890 : [639]-653.
1891 " " " " " 1891 : [507]-517.
1892 no rept made.
1893 in Trans. state agric. socy. 1893 : 247-249.
1894 " " " " " 1894 : 273-275.

DISTRICT No. 13

Composed of Sacramento, Sutter, Yolo, and Yuba cos.

serial

1883-1894. Transactions.

In Documents as follows:

1883 in Trans. state agric. socy. 1883 : [461]-472.
1884 " " " " " 1884 : [537]-555.
1885 no report made.

AGRICULTURAL SOCIETIES—cont'd

District Agricultural Associations—cont'd

DISTRICT No. 13—cont'd

serial—cont'd

1886 in Trans. state agric. socy. 1886 : [663]-688.
1887 " " " " " 1887 : [757]-777.
1888 " " " " " 1888 : [719]-734.
1889 " " " " " 1889 : [865]-885.
1890 " " " " " 1890 : [655]-671.
1891 " " " " " 1891 : [519]-532.
1892 " " " " " 1892 : [389]-401.
1893 " " " " " 1893 : 250-252.
1894 " " " " " 1894 : 276-279.

DISTRICT No. 14

Composed of Santa Cruz Co. west of Aptos Creek.

serial

1888-1894. Transactions.

In Documents as follows:
1888 in Trans. state agric. socy. 1888 : [735]-744.
1889 " " " " " 1889 : [887]-906.
1890 " " " " " 1890 : [673]-689.
1891 " " " " " 1891 : [533]-551.
1892 " " " " " 1892 : [403]-418.
1893 " " " " " 1893 : 253-255.
1894 " " " " " 1894 : 280-283.

DISTRICT No. 15

Composed of Kern and Tulare cos.

serial

1892-1894. Transactions.

In Documents as follows:
1892 in Trans. state agric. socy. 1892 : [419]-430
1893 " " " " " 1893 : 256-259.
1894 " " " " " 1894 : 284-285.

DISTRICT No. 16

Composed of San Luis Obispo Co.

serial

1887-1894. Transactions.

In Documents as follows:
1887 in Trans. state agric. socy. 1887 : [779]-795.
1888 " " " " " 1888 : [745]-765.
1889 " " " " " 1889 : [907]-931.
1890 " " " " " 1890 : [691]-707.
1891 no report made.
1892 in Trans. state agric. socy. 1892 : [431]-450.
1893 " " " " " 1893 : 260-262.
1894 " " " " " 1894 : 286-288.

DISTRICT No. 17

Composed of Nevada and Placer cos.

serial

1885-1894. Transactions.

In Documents as follows:
1885 in Trans. state agric. socy. 1885 : [567]-595.
1886 " " " " " 1886 : [689]-722.
1887 " " " " " 1887 : [797]-828.
1888 " " " " " 1888 : [767]-784.
1889 " " " " " 1889 : [933]-950.
1890 " " " " " 1890 : [709]-733.
1891 " " " " " 1891 : [553]-566.
1892 " " " " " 1892 : [451]-462.
1893 " " " " " 1893 : 263-266.
1894 " " " " " 1894 : 289-291.

DISTRICT No. 18

Composed of Alpine, Mono, and Inyo cos.

serial

1887-1895. Transactions.

In Documents as follows:
1887 in Trans. state agric. socy. 1887 : [829]-838.
1888 " " " " " 1888 : [785]-802.
1889 " " " " " 1889 : [951]-971.
1890 " " " " " 1890 : [735]-744.
1891 " " " " " 1891 : [567]-583.
1892 " " " " " 1892 : [463]-473.
1893 " " " " " 1893 : 267-269.
1894 " " " " " 1894 : 292-296.
1895 " " " " " 1895 : 214.

DISTRICT No. 19

Composed of south half of Santa Barbara co.

serial

1887-1895. Transactions.

In Documents as follows:
1887 in Trans. state agric. socy. 1887 : [839]-854.
1888 " " " " " 1888 : [803]-818.
1889 " " " " " 1889 : [973]-991.
1890 " " " " " 1890 : [745]-760.

AGRICULTURAL SOCIETIES—cont'd

District Agricultural Associations—cont'd

DISTRICT No. 19—cont'd

serial—cont'd

1891 in Trans. state agric. socy. 1891 : [585]-599.
1892 " " " " " 1892 : [475]-487.
1893 " " " " " 1893 : 270-273.
1894 " " " " " 1894 : 297-299.
1895 " " " " " 1895 : 215-216.

DISTRICT No. 20

Composed of Placer Co.

serial

1889-1893. Transactions.

In Documents as follows:
1889 in Trans. state agric. socy. 1889 : [993]-1004.
1890 " " " " " 1890 : [761]-771.
1891 " " " " " 1891 : [601]-610.
1892 no report made.
1893 in Trans. state agric. socy. 1893 : 274-276.

DISTRICT No. 21

Composed of Merced, Mariposa, and Fresno cos.

serial

1888-1893. Transactions.

In Documents as follows:
1888 in Trans. state agric. socy. 1888 : [819]-832.
1889 " " " " " 1889 : [1005]-1022.
1890 " " " " " 1890 : [773]-787.
1891 " " " " " 1891 : [611]-623.
1892 no report made.
1893 in Trans. state agric. socy. 1893 : 277-280.

DISTRICT No. 22

Composed of San Diego Co.

serial

1889-1894. Transactions.

In Documents as follows:
1889 in Trans. state agric. socy. 1889 : [1023]-1037.
1890 " " " " " 1890 : [789]-802.
1891 " " " " " 1891 : [625]-636.
1892 " " " " " 1892 : [489]-499.
1893 " " " " " 1893 : 281-284.
1894 " " " " " 1894 : 306-310.

DISTRICT No. 23

Composed of Contra Costa Co.

serial

1893-1894. Rept.

In Documents as follows:
1893 in Trans. state agric. socy. 1893 : 285-287.
1894 " " " " " 1894 : 311-314.

DISTRICT No. 24

Composed of Santa Cruz Co. (Pajaro Valley Agric. Assn.).

serial

1891-1894. Transactions.

In Documents as follows:
1891 in Trans. state agric. socy. 1891 : [637]-648.
1892 no report made.
1893 in Trans. state agric. socy. 1893 : 288-291.
1894 " " " " " 1894 : 315-318.

DISTRICT No. 25

Composed of Solano and Napa cos.

serial

1887-1894. Transactions.

In Documents as follows:
1887 in Trans. state agric. socy. 1887 : [855]-877.
1888 " " " " " 1888 : [833]-851.
1889 " " " " " 1889 : [1039]-1060.
1890 " " " " " 1890 : [803]-822.
1891-1892 no reports made.
1893 in Trans. state agric. socy. 1893 : 292-295.
1894 " " " " " 1894 : 319-320.

DISTRICT No. 26

Composed of Amador, Calaveras, and Sacramento cos.

serial

1887-1894. Transactions.

In Documents as follows:
1887 in Trans. state agric. socy. 1887 : [879]-892.
1888 " " " " " 1888 : [853]-868.
1889 " " " " " 1889 : [1061]-1076.
1890 " " " " " 1890 : [823]-837.
1891-1892 no reports made.
1893 in Trans. state agric. socy. 1893 : 296-305.
1894 " " " " " 1894 : 321-328.

AGRICULTURAL SOCIETIES—cont'd

District Agricultural Associations—cont'd

DISTRICT No. 27

Composed of Shasta Co.

serial

1890-1894. Transactions.

In Documents as follows:

1890 in Trans. state agric. socy. 1890: [839]-848.
1891 " " " " " 1891: [649]-660.
1892 no report made.
1893 in Trans. state agric. socy. 1893: 306-308.
1894 " " " " " 1894: 329-331.

DISTRICT No. 28

Composed of San Bernardino and Riverside cos.

serial

1889-1893. Transactions.

In Documents as follows:

1889 in Trans. state agric. socy. 1889: [1077]-1084.
1890 " " " " " 1890: [849]-855.
1891 " " " " " 1891: [661]-670.
1892 no report made.
1893 in Trans. state agric. socy. 1893: 309-313.

DISTRICT No. 29

Composed of Tuolumne and Calaveras cos.

serial

1890-1894. Transactions.

In Documents as follows:

1890 in Trans. state agric. socy. 1890: [857]-865.
1891 " " " " " 1891: [671]-678.
1892 " " " " " 1892: [501]-510.
1893 " " " " " 1893: 314-317.
1894 " " " " " 1894: 332-335.

DISTRICT No. 30

Composed of Tehama Co.

serial

1891-1894. Transactions.

In Documents as follows:

1891 in Trans state agric. socy. 1891: [679]-689.
1892 " " " " " 1892: [511]-521.
1893 " " " " " 1893: 318-320.
1894 " " " " " 1894: 336-349.

DISTRICT No. 31

Composed of Ventura Co.

serial

1891-1895. Transactions.

In Documents as follows:

1891 in Trans. state agric. socy. 1891: [691]-708.
1892 " " " " " 1892: [523]-540.
1893 " " " " " 1893: 321-326.
1894 " " " " " 1894: 350-359.
1895 " " " " " 1895: 217.

DISTRICT No. 32

Composed of Orange Co.

serial

1891-1894. Transactions.

In Documents as follows:

1891 in Trans. state agric. socy. 1891: [709]-722.
1892 " " " " " 1892: [541]-554.
1893 " " " " " 1893: 327-328.
1894 " " " " " 1894: 360-361.

DISTRICT No. 33

Composed of San Benito Co.

serial

1891-1894. Transactions.

In Documents as follows:

1891 in Trans. state agric socy. 1891: [723]-732.
1892 " " " " " 1892: [555]-565.
1893 " " " " " 1893: 329-331.
1894 " " " " " 1894: 362-363.

DISTRICT No. 34

Composed of Lassen and Modoc cos.

serial

1891-1894. Transactions.

In Documents as follows:

1891 in Trans. state agric. socy. 1891: [733]-746.
1892 " " " " " 1892: [567]-580.
1893 " " " " " 1893: 332-334.
1894 " " " " " 1894: 364-366.

AGRICULTURAL SOCIETIES—cont'd

District Agricultural Associations—cont'd

DISTRICT No. 35

Composed of Merced and Mariposa cos.

serial

1893-1894. Rept.

In Documents as follows:

1893 in Trans. state agric. socy. 1893: 335-337.
1894 " " " " " 1894: 367-368.

DISTRICT No. 36

Composed of Solano Co.

serial

1893-1894. Rept.

In Documents as follows:

1893 in Trans. state agric. socy. 1893: 338-341.
1894 " " " " " 1894: 369-370.

DISTRICT No. 37

Composed of Santa Barbara Co.

serial

1891-1894. Transactions.

In Documents as follows:

1891 in Trans. state agric. socy. 1891: [747]-758.
1892 " " " " " 1892: [581]-592
1893 " " " " " 1893: 342-344.
1894 " " " " " 1894: 371-374.

DISTRICT No. 38

Composed of Stanislaus Co.

serial

1893-1894. Rept.

In Documents as follows:

1893 in Trans. state agric. socy. 1893: 345-347.
1894 " " " " " 1894: 375-378.

DISTRICT No. 39

Composed of Calaveras Co.

serial

1893-1894. Rept.

In Documents as follows:

1893 in Trans. state agric. socy. 1893: 348-350.
1894 " " " " " 1894: 379-380.

DISTRICT No. 40

Composed of Yolo and Colusa cos.

serial

1893-1894. Rept.

In Documents as follows:

1893 in Trans. state agric. socy. 1893: 351-354.
1894 " " " " " 1894: 381-384.

DISTRICT No. 41

Composed of Del Norte Co.

serial

1893-1894. Rept.

In Documents as follows:

1893 in Trans. state agric. socy. 1893: 355-357.
1894 " " " " " 1894: 385-387.

DISTRICT No. 42

Composed of Glenn Co.

serial

1893-1894. Rept.

In Documents as follows:

1893 in Trans. state agric. socy. 1893: 358-360.
1894 " " " " " 1894: 388-390.

DISTRICT No. 43

Composed of Tulare and Kings cos.

serial

1893-1894. Rept.

In Documents as follows:

1893 in Trans. state agric. socy. 1893: 361-364.
1894 " " " " " 1894: 391-393.

El Dorado County Agricultural Society

serial

1878-1879. Transactions.

In Documents as follows:

1878 in Trans. state agric. socy. 1878: [287]-314.
1879 " " " " " 1879: [337]-363.

AGRICULTURAL SOCIETIES—cont'd

Expenditures for

1871-1873. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for state agric. socy. (Bienn. rept. state controller 1869/71 (pp. 49-50)—*same* 1871/3.)

1880-1894. Cost of district agric. societies; expenditures from apprns. made by state. (A.R. bd. examiners dated 1895: 71.)

——. Cost of State Agric. Socy.; expenditures from apprns. made by state, and cost of prtg.; also cost of bldg. (*Same* dated 1895: 71.)

1882-1886. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for aid of agric. societies. (Bienn. rept. state controller 1880/2 (p. 61)—*same* 1884/6.)

1886-1904. Same; for district agric. societies. (*Same* 1884/6 (p. 58)—*same* 1902/4.)

1899. Table showing apprns. for district agric. societies. (Bluebook 1899: 83.)

Farmers' Alliance

1894. Comment on the Farmers' Alliance. (27 A.R. insurance comr. 1894: 38.)

Golden Gate District Fair Association

serial

1878-1879. Transactions.

In Documents as follows:
1878 in Trans. state agric. socy. 1878: [203]-253.
1879 " " " " " 1879: [365]-384.

Grange; see Patrons of Husbandry

Mendocino County Agricultural Society

serial

1879. Transactions.

In Documents as follows:
1879 in Trans. state agric. socy. 1879: [431]-446.

Monterey Agricultural Fair Association

serial

1878-1879. Transactions.

In Documents as follows:
1878 in Trans. state agric. socy. 1878: [329]-338.
1879 " " " " " 1879: [421]-430.

Napa and Solano Agricultural and Mechanical Arts Society

serial

1872-1878. Rept. of socy.

In Documents as follows:
1872 in Trans. state agric. socy. 1872: [775]-776.
1873 none made.
1874 in Trans. state agric. socy. 1874: [641]-652.
1875-1877 none made.
1878 in Trans. state agric. socy. 1878: [269]-277.

Northern District Agricultural Society

serial

1878. Transactions.

In Documents as follows:
1878 in Trans. state agric. socy. 1878: [279]-286.

Northern District Agricultural, Horticultural and Mechanical Society

serial

1872. Transactions.

In Documents as follows:
1872 in Trans. state agric. socy. 1872: [661]-678.

Patrons of Husbandry

1883. The grange: its origin, progress, and purposes; by Hon. D. W. Aiken of S. C. (Trans. state agric. socy. 1882: 167-180.)

San Joaquin Valley District Agricultural Society

serial

1861-1879. Transactions.

In Documents as follows:
1861 in Trans. state agric. socy. 1861: 174-324.
1862-1871 omitted.
1872 in Trans. state agric. socy. 1872: [597]-633.
1873 none made.

AGRICULTURAL SOCIETIES—cont'd

San Joaquin Valley District Agricultural Society—cont'd

serial—cont'd

1874 in Trans. state agric. socy. 1874: [591]-625.
1875-1877 none made.
1878 in Trans. state agric. socy. 1878: [161]-191.
1879 " " " " " 1879: [285]-336.

Santa Clara Valley Agricultural Society

serial

1872-1879. Transactions.

In Documents as follows:
1872 in Trans. state agric. socy. 1872: [563]-595.
1873 none made.
1874 in Trans. state agric. socy. 1874: [571]-589.
1875-1877 none made.
1878 in Trans. state agric. socy. 1878: [193]-202.
1879 " " " " " 1879: [399]-407.

Siskiyou County Agricultural Society

serial

1872-1879. Transactions.

In Documents as follows:
1872 in Trans. state agric. socy. 1872: [731]-748.
1873 none made.
1874 in Trans. state agric. socy. 1874: [653]-684.
1875-1877 none made.
1878 in Trans. state agric. socy. 1878: [315]-328.
1879 " " " " " 1879: [409]-419.

Sonoma and Marin District Agricultural Society

serial

1872-1879. Transactions.

In Documents as follows:
1872 in Trans. state agric. socy. 1872: [635]-659.
1873 none made.
1874 in Trans. state agric. socy. 1874: [627]-639.
1875-1877 none made.
1878 in Trans. state agric. socy. 1878: [255]-267.
1879 " " " " " 1879: [385]-398.

Southern District Agricultural Society

serial

1872. Transactions.

In Documents as follows:
1872 in Trans. state agric. socy. 1872: [765]-773.

State Agricultural Society

serial

Established under Act of May 13, 1854; incorporated 1858.

1 series

1854-1857

1854-1857. [Transactions.]

Checklist
1854 records lost.
1855 not officially published by socy.
1856-1857 published by socy. in pam. form.

2 series

1858-1863

1858-1863. Transactions [ann.] of the state agric. socy. Sacramento, 1859-1864.

In Collected docs. as follows:
1858 in App. to Sen. jols. 10 sess. unnum. doc.
1859 " " " Assem. " 11 " " "
" " " " Sen. " 11 " " "
1860-1861 omitted.
1862* in App. to jols. 14 sess. unnum. doc.
1863 " " " " 15 " v. 2. unnum. doc.

3 series

1864/5-1870/1

1864/5-1870/1. Transactions [bienn.] of the state agric. socy.

In Collected docs. as follows:
1864/5 in App. to jols. 16 sess. v. 3 unnum. doc.
1866/7 " " " " 17 " v. 3 " "
1868/9 " " " " 18 " v. 3 " "
1870/1 " " " " 19 " v. 3 " "

* The official transactions of the socy. for 1862 have never been published, the legislature failing to provide for same. The recording secy's. rept. and the treasurer's rept. are all that have been published for this year. They may be found in the transactions for 1863. The recording secy's. rept. is also found in the collected docs. as noted above.

AGRICULTURAL SOCIETIES—cont'd

State Agricultural Society—cont'd

serial—cont'd

4 series

1872-1904

1872-1904. Transactions [ann.] of state agric. socy.

In Collected docs. as follows:

1872	in	App.	to	jols.	20	sess.	v. 3	unnum.	doc.
1873	"	"	"	"	20	"	v. 6	"	"
1874	"	"	"	"	21	"	v. 1	"	"
1875	omitted.								
1876	in	App.	to	jols.	22	sess.	v. 3	unnum.	doc.
1877	"	"	"	"	23	"	v. 3	"	"
1878	"	"	"	"	23	"	v. 3	"	"
1879	"	"	"	"	23	"	v. 6	"	"
1880	"	"	"	"	24	"	v. 3	"	"
1881	"	"	"	"	25	"	v. 2	"	"
1882	"	"	"	"	25	"	v. 4	"	"
1883	"	"	"	"	26	"	v. 2	"	"
1884	"	"	"	"	26	"	v. 2	"	"
1885	"	"	"	"	27	"	v. 3	"	"
1886	"	"	"	"	27	"	v. 3	"	"
1887	"	"	"	"	28	"	v. 6	"	"
1888	"	"	"	"	28	"	v. 7	"	"
1889	"	"	"	"	29	"	v. 8	"	"
1890	"	"	"	"	30	"	v. 5	"	"
1891	"	"	"	"	30	"	v. 6	"	"
1892	"	"	"	"	31	"	v. 2	"	"
1893	"	"	"	"	31	"	v. 2	"	"
1894	"	"	"	"	32	"	v. 2	doc.	[1].
1895	"	"	"	"	32	"	v. 2	"	[2].
1896-1898 not printed.									
1899	in	App.	to	jols.	34	sess.	v. 4	doc.	[3].
1900	"	"	"	"	35	"	v. 3	"	[1].
1901	"	"	"	"	35	"	v. 3	"	[2].
1902-1903 not printed.									

non-serial

1852-1895. Compilation of laws re. State Agric. Socy. and district assns. (Trans. state agric. socy. 1863 (pp. 1-4)—*same* 1895.)

1854. Rept. of the agric. committee re. incorporation of the Agric. Socy. 5 pp. (App. to Assem. jol. 5 sess. doc. 8 (?).)

Docs. incorrectly numbered? This is probably no. 5.

——. Rept. re. development of agric. interests in Cal. urging creation of bd. of agric. and incorporation of State Agric. Socy. (Assem. jol. 1854: 436-438.)

1854-1879. History of State Agric. Socy.; by I. N. Hoag. (Trans. state agric. socy. 1879: 176-211.)

1854-1891. Review of beginnings of the State Agric. Socy. and results accomplished to this date. (*Same* 1891: 95-98.)

1859. Rept. of plan by which citizens of Sacramento City and Co. were authorized to raise tax for purpose of purchasing grounds and erecting bldgs. for use of State Agric. Socy. free of rent. (*Same* 1859: 52-53.)

——. Arrangements made for publication of monthly journal of the Socy. (*Same* 1859: 56.)

——. Rept. of recording secy. of Socy. (Sen. jol. 10 sess. pp. 125-126.)

1863. Contributions to Socy. library. (Trans. state agric. socy. 1863: 40-42.)

1864. Veto of act for relief of State Agric. Socy. (Sen. jol. 15 sess. pp. 529-531.)

1870/1. Real estate and permanent improvements of the Socy.; agric. library one of its necessities; liberal apprn. asked for. (Trans. state agric. socy. 1870/1: 26-27.)

1871. The work of the Socy. in agric. expansion of state; fairs, repts., and corresp. (*Same* 1870/1: 9-13.)

1879. Under new constitution which provides that no apprn. can be made to any corporation, assn., etc., not exclusively under state control, the Agric. Socy. is deprived of state assistance; suggestion that committee be apptd. to consider questions growing out of said prohibitions and re. future mngmt. of Socy. (*Same* 1879: 20-21.)

AGRICULTURAL SOCIETIES—cont'd

State Agricultural Society—cont'd

non-serial—cont'd

1880. Brief review of past legislation re. the Agric. Socy. and changes made by law of 1880, whereby a state dept. of agric. has been established. (*Same* 1880: 9-10.)

EXPENDITURES FOR; see above, that title

FINANCES OF

1854-1858. Financial summary of State Agric. Socy. (Trans. state agric. socy. 1858: 42-45.)

1857-1867. Treasurer's ann. rept. (*Same* 1858 (pp. 22-40)—*same* 1866/7.)

Repts. for two yrs. in 1858 and 1863.

1858. Stmt. of receipts and expenditures of State Agric. Socy. (Sen. jol. 10 sess. pp. 157-165.)

1858-1901. Ann. itemized financial stmt. (Trans. state agric. socy. 1858 (pp. 41-43)—*same* 1901.)

Rept. for 1863 contains stmt. for 1862-1863.

1863. Comment on law authorizing funding of entire indebtedness of Socy., issuance of bonds, and creation of fund for final redemption of same. (*Same* 1863: 21-22.)

1864. Memorial of Socy. praying passage of bill for payment of debts of Socy. by special tax levied upon property in city and co. of Sacramento. 4 pp. (App. to jols. 15 sess. v. 2 unnum. doc.)

1864/5. Comment on Socy. finances of past 2 yrs. and present indebtedness. (Trans. state agric. socy. 1864/5 (pp. 59; 109-110)—*same* 1868/9.)

1876. Rept. of investigation into affairs of Socy. 10 pp. (App. to jols. 21 sess. v. 5, unnum. doc.)

1885-1895. Rept. on indebtedness of Socy. (Trans. state agric. socy. 1885 (pp. 16-17)—*same* 1895.)

1887. Stmt. made re. purposes for which state apprn. to the Socy. have been applied in answer to claim that improper uses were made of "the people's money." (*Same* 1887: 13.)

1888-1890. Experts' rept. on books and accts. of secy. of Socy. (*Same* 1888 (pp. 23-24)—*same* 1890.)

1894. Comment on misrepresentation in ann. rept. of bd. of examiners re. apprns. of Agric. Socy. (*Same* 1894: 29-30.)

——. Rept. on Socy. (A.R. bd. examiners dated 1895: 53-55.)

1895. Rept. of expert on books and accts. of Socy. for 1892-1894. (Trans. state agric. socy. 1895: 44.)

1899. Recommendation that apprn. to Socy. be restored to sum heretofore given and that its existing indebtedness be paid by legisl. (*Same* 1899: 37.)

1903. Rept. on investigation of financial position and business methods of Socy. (Sen. jol. 35 sess. pp. 1147-1155.)

Upper Sacramento Agricultural Society

serial

1867-1872. Transactions.

In Documents as follows:
1867 in Trans. state agric. socy. 1868/9: 315-346.
1868-1871 omitted.
1872 in Trans. state agric. socy. 1872: [679]-729.

Women's Agricultural and Horticultural Union

1902. Aims of Union. (8 bienn. rept. bd. hortic. 1901/2: 372-374.)

AGRICULTURE

serial

1864/5-1866/7. Bienn. rept. of the state bd. of agric. Sacramento, 1866[-1867].

Checklist
1864/5. Sacramento, 1866. 43 pp.
1866/7. n. t. p. 16 pp.

In Collected docs. as follows:
1864/5 in App. to jols. 16 sess. v. 2 unnum. doc.
1866/7 " " " " 17 " v. 3 " "

These repts. are also to be found in the Transactions of the state agric. socy. as follows:
1864/5 in Transactions 1864/5: 5-93.
1866/7 " " 1866/7: 1-16.

AGRICULTURE—cont'd

non-serial

1849. Review of probable benefits of agric. taxation in forcing owners of large tracts of lands paying no revenue for state to sell to small cultivators. (Govs. ann. mess. 1849.)

1850. Rept. of committee on agric. urging encouragement of same as most important interest of state, and suggesting enactments in aid of same. (Legisl. jol. sess. 1849/50: 653-655.)

1850-1901. Agric. in Cal.: brief review of its growth and present value and area of various products; compiled from U. S. census bull. Apr. 29, 1902. (Trans. state agric. socy. 1901: 139-147.)

1851. Cal. forced to obtain necessities from Chile and Pacific islands, paying 20% ad valorem duty thereon, in addition to freight charges and original cost, as result of neglect of agric. (Govs. special mess. Jan. 30, 1852.)

——. Climate and soil peculiar, and mode of cultivation best suited to them, little understood. (Govs. ann. mess. 1851.)

1852. Agric. interest of first importance, and encouragement of same urged. (Govs. special mess. Jan. 30, 1852.)

——. Form of memorial asking federal donations of public land to actual settlers, reviewing damages and heavy costs of immigration, and difficulties of agric. in Cal. as result of Indian hostilities, dryness of country, and excessive price of supplies, etc., and citing contributions of Cal. to prosperity of country as further reason for liberal grants by Congress. (App. to Sen. jol. 1852: 575-592.)

——. Comment on neglect of agric. and probable continuance of same until settlement of land claims and passage of donation acts by Congress, granting small tracts to actual settlers. (Govs. special mess. Jan. 30, 1852.)

1852-1859. Prize essay on agric. statistics of state, containing tables showing amt. and value of agric. products. (Trans. state agric. socy. 1859: 323-348.)

1854. Agric. advances great, and large sums expended in improvement of farms. (Govs. ann. mess. 1855: 25.)

——. Demand for farming implements, and consequent importation of same, greatly increased. (Govs. inaugural address 1854.)

1855. Science and learning employed in state in improvement and invention of machinery and farming implements. (Govs. ann. mess. 1856: 7.)

——. Attention to agric. increasing; immigrants are remaining to establish homes. (*Same* 1856: 7.)

——. Agric. shown to be as important to prosperity of state as mining industry, by size and variety of crops for yr. (*Same* 1856: 7.)

——. Granaries, warehouses, and stores filled with products of state industry. (*Same* 1856: 7.)

——. Stmt. of rank of Cal. among states in various agric. products. (*Same* 1856: 30.)

——. Great advance made during yr. in testing capacity of soil and development of agric. resources. (*Same* 1856: 17.)

1857. Rept. of agric. committee to whom was referred jt. res. re. agric. affairs; establishment of an agric. dept. at Washington, and a donation, to Cal. of public land for endowment of an agric. college. 7 pp. (App. to Assem. jol. 8 sess. doc. [10].

1858. Rept. of visiting committees to examine farms, orchards, vineyards, nurseries, mines, mining, etc. (Trans. state agric. socy. 1858: 166-299.)

——. Rept. on act to protect owners of growing crops and other improvements in mining districts in state. (Assem. jol. 9 sess. pp. 382-384.)

1862. Rept. on act to create office of comr. of agric. (Sen. jol. 13 sess. pp. 399-400.)

AGRICULTURE—cont'd

non-serial—cont'd

1863. Copy of bill proposed at last sess. to provide for collection and publication of agric. and other statistics of state; comment on its failure to pass; statistical tables returned to surveyor gen. showing inefficiency of present system. (Trans. state agric. socy. 1863: 222-262.)

——. Comparative climate and grain farming in Cal.; comparisons with Atlantic States and England. (*Same* 1863: 203-221.)

1865. Agric. prospects of Southern Cal.; by S. W. Jewett. (*Same* 1864/5: 259-261.)

——. Unfortunate condition of land titles serious drawback to prosperity of agric. interest. (*Same* 1864/5: 75-76.)

——. Agric. lands in mineral districts; segregation of these lands from minerals suggested in order that they may be sold for cultivation. (*Same* 1864/5: 76-77.)

1866. Favoring summer fallowing and dry sowing in state. (*Same* 1866/7: 47-48.)

——. Circular sent out by surveyor gen. to assessors acc. by act providing for collection of information re. agric. and other industrial pursuits. (*Same* 1864/5: 407-408.)

——. Rept. of Sen. committe on agric. on Assem. bill 321 to develop agric. interests, and to aid in construction of canal for purposes of irrigation and inland trade in Colusa, Yolo, and Solano cos. 5 pp. (App. to jols. 16 sess. v. 3, unnum. doc.)

——. Same; rept. of Assem. committee on internal improvements. 5 pp. (*Same* v. 3, unnum. doc.)

1871. Farmers' gardens in Cal.; by I. N. Hoag. (Trans. state agric. socy. 1870/1: 328-336.)

1872. Rept. of visiting committee to various farms. (*Same* 1872: 178-204.)

1873. Table showing no. of farms in state containing 100 acres and upwards, also exhibiting size and locality of farms with sufficient certainty to enable correct idea to be formed respecting extent of alleged evils of land monopoly in state. (A.R. equalization bd. 1872/3: 22-23.)

1874-1879. Review of agric. industries for yr. (Trans. state agric. socy. 1874 (pp. 5-14)—*same* 1879.)

1877. On necessity of agric. survey of state. (Bienn. rept. agric. college 1876/7: 11-13.)

1880. Address on need of bureau of agric. whose special province shall be to examine conditions of farming on Pacific coast and minister to its wants. (Trans. state agric. socy. 1880: 17-21.)

——. Comment on progress made in agric. survey of state. (A.R. agric. college 1880: 8-10.)

——. Agric. collections and exhibits of yr. (*Same* 1880: 5-6.)

1880-1895. List of agric. districts organized under act approved Apr. 15, 1880, and amended in 1883, 1885, and 1887. (Trans. state agric. socy. 1887 (p. 10) —*same* 1895.)

1881. Comment on contest betw. farmers and hydraulic miners. (*Same* 1881: 12-13.)

1882. Agric. as it is, and what it should be in Cal.; by J. deB. Shorb. (*Same* 1882: 23-30.)

1883. The farmer's children are rushing to the cities thereby robbing the country of its best blood; mental life of farmers must be broadened by improvement of public schools, by establishment of preparatory schools to the University, by further patronage of University and Agric. College by farming class. (*Same* 1883: 126-130.)

——. In opinion of bd. of agric. the only practical diversity to farming in great wheat-growing areas of Cal. relates to stock raising. (*Same* 1883: 17-19.)

AGRICULTURE—cont'd

non-serial—cont'd

1884. Concerning census rept. on physical and agric. features of Cal.; by Hilgard. 1 sheet. (Agric. exper. station, bull. 11.)

——. Stmt. giving no. of acres sowed for crop of 1884. (A.R. equalization bd. 1883/4: 118-120.)

——. Comprehensive progressive system of agric. outlined for state; difficulties that lie in way of such an achievement; discussion of ways and means. (Trans. state agric. socy. 1884: 164-173.)

——. Establishment of bureau of agric. statistics in connection with state bd. of agric. recommended. (*Same* 1883: 9-10.)

1885. Increasing demand for public lands in state; small farmers commended. (*Same* 1885: 182.)

1886. On desirability of small farms in Cal. (*Same* 1886: 197.)

——. A national agric. dept. demanded. (*Same* 1886: 196-197.)

1887/8. Table showing acreage of land, mortgages, and mining claims. (Bienn. rept. equalization bd. 1887/8: 40-41.)

1887/8-1904. Stmt. giving agric. statistics. (*Same* 1887/8 (pp. 94-97)—*same* 1903/4.)

1888. Recommendation that apprn. be made to employ an agric. chemist and to establish statistical correspondents throughout state. (Bienn. rept. bd. hortic. 1886/8: 25-26.)

1889. Agric. machinery in state. (Trans. state agric. socy. 1889: 19.)

1893-1894. Ann. repts. of district agric. assns. on new industries, products, and resources. (*Same* 1893 (pp. 201-364)—*same* 1894.)

1893-1895. Comparative table giving average value of various farm products each yr. by cos. (*Same* 1895: 104-108.)

1894. On inquiry into causes of agric. depression and remedy therefor, by U. S. House committee on agric. (*Same* 1894: 134-189.)

——. Descriptive review of resources of agric. district no. 20, composed of Placer Co. (*Same* 1894: 300-301.)

——. Same; district no. 21, composed of Fresno Co. (*Same* 1894: 302-305.)

1895. Comment on condition of agric. in state. (*Same* 1895: 15-16.)

1898-1901. Composition and value of waste materials of farm, orchard, and vineyard. (Rept. agric. exper. station 1898/01 pt. 2: 259-262.)

1899. Rept. on state bd. of agric. (Rept. of committee to make examination into state institutions 1899: 171-172.)

——. Same; in App. to jols. 33 sess. v. 2.

1900. Rept. on president's address re. co-operation, establishment of agencies in eastern cities, apprn. to continue work of beneficial insects, forest protection, food adulteration, legislation re. Belgian hare. (7 Bienn. rept. bd. hortic. 1899/00: 170.)

1901. Farming in southern Cal. (Trans. state agric. socy. 1901: 124-135.)

——. Paper on labor question in vineyards and orchards; discussion. (8 bienn. rept. bd. hortic. 1901/2: 393-398.)

Bee Culture

1874. Bee culture in Cal. (Trans. state agric. socy. 1874: 341-342.)

1886. Destruction of bees by floods. (1 bienn. rept. forestry bd. 1885/6: 29-30.)

1899. The long-tongued bees of Cal. (Rept. agric. exper. station 1898/01: 316-330.)

1901. Bee-keeping in Cal.; by R. H. Yearnshaw. (Trans. state agric. socy. 1901: 104-105.)

AGRICULTURE—cont'd

Bibliography

1877-1902. Publications of agric. exper. station, Univ. of Cal. (Rept. agric. exper. station 1898/01: 389-392.)

1880-1886. Index to repts. issued by bd. of state vitic. comrs. since organization, indicating where papers were printed and can be found. (A.R. bd. vitic. comrs. 1887: 12-16.)

1881-1887. List of vols. and pamphlets prtd. under auspices of vitic. comrs. (*Same* 1887: 40-41.)

1881-1894. List of vitic. publications of agric. college and of all publications of late vitic. comn. (Rept. of vitic. work, agric. college 1887/93: 454-457.)

1886-1888. List of bulls. issued. (Bienn. rept. agric. college 1887/8: 7.)

1887. Index to some of the repts. of the bd. of state vitic. comrs. (A.R. vitic. comrs. 1887: 12-16.)

——. Catalogue of books in library of state vitic. comn. (*Same* 1887: 72-77.)

1890/2. Publications and investigations of vitic. comrs. (*Same* 1891/2: 10-11.)

Bounty

See also below, Premiums.

1863. State bounty law and comments on same. (Trans. state agric. socy. 1863: 48; 52-60.)

Conventions

FRUIT GROWERS

serial

1 series

1881-1882. Minutes of ann. hortic. convention, 1-2.

In Documents as follows:
1. 1881 in Ann. rept. hortic. comrs. 1882: 52-62.
2. 1882 not found.

2 series

1883-1886. Repts. of proceedings of the Fruit Growers' conventions, 3-6.

Checklist
3. 1883 no record found.
4. 1884 not seen; published by Pacific Rural Press, see note below.
5-6. 1885-1886 no record found.

In Documents as follows:
3. 1883 in Ann. rept. bd. hortic. 1883: 28-130.
4. 1884 " Bienn. " " " 1884: 62-116.

This is a synopsis rept. only. "The full stenographic rept. was published by the Pacific Rural Press, by the authority of the state bd. of horticulture." (Bienn. rept. bd. hortic. 1884: 62.)

5. 1885 in Bienn. rept. bd. hortic. 1885/6: 32-186.
6. 1886 " " " " " 1885/6: 187-342.

3 series

1887-1890. Repts. of semi-ann. proceedings of the Fruit Growers' conventions, 7-14.

Checklist
7-8. 1887-1888 no record found.
9. 1888 not seen. Copy in Library of U. S. Dept. of Agriculture.
10. 1889. 302 pp. Not seen; see Ann. rept. bd. hortic. 1889: 18.
11. 1889. 161 pp. Not seen; see as below.

In Documents as follows:
7. 1887 (Spring) in Bienn. rept. bd. hortic. 1885/6: 439-510.
8. 1887 (Fall) in Bienn. rept. bd. hortic. 1886/8: 68-156.
9. 1888 (Spring) in Bienn. rept. bd. hortic. 1886/8: 157-241.
10. 1888 (Fall)* in Ann. rept. bd. hortic. 1889: 289-328.
11. 1889 (Spring)* in Ann. rept. bd. hortic. 1889: 328-383.
12. 1889 (Fall)* in Ann. rept. bd. hortic. 1889: 383-463.
13. 1890 (Spring) in Ann. rept. bd. hortic. 1890: 36-182.
14. 1890 (Fall) in Ann. rept. bd. hortic. 1891: 263-364.

*These are synopses only.

AGRICULTURE—cont'd

Conventions—cont'd

FRUIT GROWERS—cont'd

serial—cont'd

4 series

1891-1903. Transaction of ann. Fruit Growers' conventions, 15-28.

Checklist

15-17. 1891-1893 no record found.
18. 1894. 194 pp.
19. 1895. 121 pp.
24. 1899. iv, 152 pp.
25. 1900 no record found.
26. 1901. 197 pp.
27. 1902 no record found.
28. 1903. 182 pp.
29. 1903. 244 pp.

In Documents as follows:

15. 1891 in Ann. rept. bd. hortic. 1891: 365-479.
16. 1892 in Bienn. rept. bd. hortic. 1893/4: 113-236.
17. 1893 in Bienn. rept. bd. hortic. 1893/4: 239-353.
18-23. 1894-1898 not found.
24. 1899. iv, 152 pp. (App. to jols. 34 sess. v. 4.)
25. 1900 in Bienn. rept. bd. hortic. 1899/00: 77-254.
26. 1901. 197 pp. (App. to jols. 35 sess. v. 3.)
27. 1902 in Bienn. rept. bd. hortic. 1901/2: 243-444.
28. 1903. 182 pp. (App. to jols. 36 sess. v. 2.)

5 series

1904. Transactions of semi-ann. Fruit Growers' convention, 29-30.

In Documents as follows:

29. 1904 (Spring). 244 pp. (App. to jols. 36 sess. v. 2.)
30. 1904 (Fall) in Bienn. rept. comr. hortic. 1904: 187-410.

OLIVE GROWERS

1891. Cal. olive industry; proceedings of Olive Growers' convention, held under auspices of state bd. of hortic., at San Francisco, July 8. 40 pp.

——. Same; 1892, 1893.

Not seen, entry from Bowker. Copies are in the Library of the U. S. Dept. of Agriculture at Washington.

VITICULTURAL

serial

1 series

STATE CONVENTIONS

1882-1892. Ann. vitic. state convention, 1-8.

Checklist

1. 1882. Not printed by state.

"Owing to a lack of funds in the State Printing Office, the proceedings of this convention were only published through the enterprise of the owners of the 'San Francisco Merchant' in the columns of that journal." (A.R. vitic. comrs. 1887: 11.)

2. 1883. Not printed by state.

"Again, owing to a lack of funds in the State Printer's Dept., the proceedings of this convention had to be turned over to private enterprise, and the 'San Francisco Merchant,' took charge of the same, publishing the proceedings in its columns." (ib., 11.)

3. 1884. Not printed by state.

"For want of an adequate apprn. in the State Printer's office, proceedings again printed in 'San Francisco Merchant.'" (ib., 11.)

4. 1886.* Not printed by state.

"Proceedings likewise published by 'San Francisco Merchant' for lack of funds." (ib., 12.)

5. 1887.* Not printed by state.

"In 1886, our funds having been exhausted in our endeavor to pass a National Pure Wine Bill, the conduction (sic.) of our convention was turned over to the Grape Growers' and Wine Makers' Assn. and held in S. F. under their auspices, in March, 1887. A copy of the proceedings you will find transmitted with this rept." (ib., 12.)

The compiler has not seen a copy of the proceedings referred to, and is not clear as to whether a copy printed by the Assn. mentioned or a copy in MS. was submitted. At any rate no copy was printed by the state.

AGRICULTURE—cont'd

Conventions—cont'd

VITICULTURAL—cont'd

serial—cont'd

1 series—cont'd

STATE CONVENTIONS—cont'd

Checklist—cont'd

6. 1888. Rept. of . . . . convention, March 7-10. 218 pp., 1 table.

An index of the contents of these conventions is given in the ann. rept. of the vitic. comrs. 1887: 12-16.

7. 1889. Proceedings printed? Not found.

A synopsis of the proceedings and texts of some of the reports are given in Ann. rept. state vitic. comrs. 1889/90: 11-15.

8. 1892. Transactions. (A.R. bd. state vitic. comrs. 1891/2: 77-140.)

2 series

DISTRICT CONVENTIONS

1883-1884. Ann. vitic. district conventions, 1-2.

Checklist

1. 1883. Los Angeles. Not printed by state.

See Ann. rept. vitic. comrs. 1887: 11.

2. 1884. Fresno. Not printed by state.

Proceedings printed in columns of "San Francisco Merchant." (ib., 11.)

For reference to other district conventions see Ann. rept. vitic. comrs. 1887: 15.

non-serial

1882-1884. Vitic. conventions held under auspices of vitic. comn. (2 A.R. chief executive vitic. officer 1882/4: 11-15.)

Crops

1850. Provision urged by committee on agric. for correction of custom of planting and sowing in plains and guarding crop until harvested, as leading to abuse of stock. (Legisl. jol. 1849/50: 655.)

1853. Rept. on act to improve tule lands and to encourage cultivation of sugar, rice, and cotton, urging limited grant of same to certain individual for purpose of testing capability of swamp lands to produce rice and sugar. 2 pp. (App. to Assem. jol. 1853 doc. 52.)

1854. Fruit, vegetable, and grain crops large. (Govs. ann. mess. 1855: 25.)

1855. Stmt. of amt. and value of grapes, other fruit, salt, beans, and wool resp., shipped from San Pedro, July-Oct., as indicating increased agric. activity in southern cos. (*Same* 1856: 18.)

——. Cal. no longer dependent on foreign resources, now raising commodities sufficient for home consumption and even export. (*Same* 1856: 17.)

——. Stmt. of value of each of various agric. exports, Jan. 1 to Nov. 27, as compared with gold dust and bullion and quicksilver exports, resp. (*Same* 1856: 19-20.)

——. List of more important agric. products of state, showing acreage, amt., price and value of each, during yr. (*Same* 1856: 19.)

1856-1865. Table of statistics of agric. products, compiled from official repts. of co. surveyors and co. assessors. (A.R. surveyor gen. 1856 (foldg. table) —*same* 1865.)

1866. Statistical rept. of leading staples of state. (Bienn. rept. surveyor gen. 1865/7: 43.)

1871. Notes upon Cal. products submitted to Amer. Pomological Socy. (Trans. state agric. socy. 1870/1: 415-417.)

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* On p. 40 of the ann. rept. of the vitic. comrs. for 1887 it is stated that "the following volumes [i. e., 4th and 5th state vitic. conventions, etc.] have been printed under the auspices of the comn." The compiler has seen only the copy of the proc. of the 4th convention printed by the "San Francisco Merchant" and so is not able to account for the discrepancy of the above stmts.

AGRICULTURE—cont'd

Crops—cont'd

1876/7. Investigation and analyses of agric. products: sugar-beets, grape syrup, Liberia coffee, "Cal. Coffee," and leaves of sumac for tannin. (Bienn. rept. agric. college 1876/7: 56-62.)

1878/9. Same; watermelons, sugar-beets, sorghum sugar cane, oranges, lemons, and Japanese persimmons. (*Same* 1878/9: 51-61.)

1879-1880. Stmt. giving statistics and agric. products by cos. (A.R. equalization bd. 1880 (pp. 114-120)—*same* 1880.)

1881/2. Analyses of agric. products: sugar cane, oranges, lemons, sugar-beets, and sorghum. (Bienn. rept. agric. college 1881/2: 61-64.)

1883. Stmt. showing products of soil in 1882, reported in 1883. (A.R. equalization bd. 1883/4: 106-113.)

——. The outlook in wheat, fruit, and stockbreeding industries of the state; Cal. leads in producing running and trotting horses. (Trans. state agric. socy. 1883: 130-134.)

1883/4. Investigation and analyses of agric. products: tanning materials; dried apricots, sulphured and non-sulphured; barks from northern islands of Japan as to their industrial uses in Cal.; extracts from buhach powder and Eucalyptus globulus; and care of Mescal plant. (Bienn. rept. agric. college 1883/4: 72-76.)

1889. Table giving planting and harvest time in Sacramento and San Joaquin valleys. (Trans. state agric. socy. 1889: 450.)

1890-1895. Review of the season. (*Same* 1890 (pp. 15-16)—*same* 1895.)

1892-1901. Comparative table giving yield and value of some of the leading products of state. (*Same* 1901: 158-159.)

1894/5-1902/3. Investigation and analyses of Cal. fruits, nuts, cañaigre, etc. (A.R. agric. exper. station 1894/5 (pp. 172-194)—*same* 1901/3.)

1899. Comment on misc. crops. (Trans. state agric. socy. 1899: 24.)

ALFALFA; see below, GRASSES

ALMOND; see below, NUTS

BARLEY; see below, GRAIN

BROOM-CORN

1895. Advising the growing of broom-corn in state. (Trans. state agric. socy. 1894 (pp. 30-31)—*same* 1895.)

CEREALS; see below, GRAIN

CORN; see below, GRAIN

CROP BULLETINS

serial

1 series

1893-1896. Wkly. crop bull.

Published during the planting and harvesting season, April to Oct., 1893, also in Trans. State Agric. Society, 1893: 186-189. Republished in the Daily Bulletin, Weekly Rural Press, and Cal. Fruit Grower of S. F. and in the Sacramento Record Union.

2 series

1897-1904. Wkly. crop bull. of the climate and crop service of the U. S. Weather Bureau, Cal. section. Apr. 12, 1897, to Dec., 1904.

38 nos. were issued in 1897; after that 52 nos. were issued annually.

non-serial

1883. Plan for collection of crop statistics. (Trans. state agric. socy. 1882: 11.)

1884. Recommended law to provide for publication of monthly crop and stock repts. by state; discussion of same. (Bienn. rept. bd. hortic. 1883/4: 89-98.)

AGRICULTURE—cont'd

Crops—cont'd

CROP BULLETINS—cont'd

non-serial—cont'd

1885. By assistance of dept. of agric., crop repts. have been gotten out for past 2 yrs.; but owing to depleted condition of apprn. this assistance was withdrawn; comment on failure of act to provide for monthly crop and stock rept. of bd. of agric. (Trans. state agric. socy. 1885: 12-13.)

1889-1892. Establishment of bureau of crop statistics again recommended. (*Same* 1889 (p. 24)—*same* 1892.)

ECONOMIC ENTOMOLOGY; see below, PESTS

FIBER PLANTS

1865. Textile fibers of the Pacific States; by W. Flint. (Trans. state agric. socy. 1864/5: 271-289.)

1891. Fiber plants for Cal. 4 pp. (Agric. exper. station, bull. 90.)

——. Same. (A.R. agric. exper. station 1890: 177-181; 190-192.)

COTTON

1856-1872. Cotton culture in Cal.; full history of its introduction and cultivation in state. (Trans. state agric. socy. 1872: 240-329.)

1863-1889. Cotton culture in state: its adaptability proved in the sixties; the development of this industry advised. (*Same* 1889: 17-18; 183-184.)

1865. Cotton cultivation in Cal.; corresp. from different parts of state. (*Same* 1864/5: 262-270.)

1874-1875. Cotton growing in state. (*Same* 1874 (p. 343)—*same* 1875.)

FLAX

1874. Flax culture in success. (Trans. state agric. socy. 1874: 344.)

HEMP

1856. Wild hemp abounding in vicinity of Tulare Lake, and indigenous to soil, experimented with by rope and cord mnftrers. and pronounced equal to cultivated article of Western States. (Govs. ann. mess. 1856: 18.)

1899. Letter from J. Heaney on hemp-growing in state. (Trans. state agric. socy. 1899: 48-49.)

——. Comment on hemp industry in state. (*Same* 1899: 23.)

JUTE

1877. Jute culture commended to consideration of cultivators of soil in state. (Trans. state agric. socy. 1877: 120-122.)

RAMIE

1885. Ramie and jute: their adaptability to cultivation in Cal. (Trans. state agric. socy. 1885: 210-212.)

1890. Ramie: a new industry for Cal. admirably adapted to its soil and climate. (*Same* 1890: 243-252.)

——. Composition of ramie plant; fertilizing value of greasewood. 8 pp. (Agric. exper. station, bull. 94.)

——. Same. (A.R. agric. exper. station 1890: 141-143; 181-190.)

1891. Ann. rept. of dept. of ramie culture in state. (Trans. state agric. socy. 1891: 199-210.)

FORAGE PLANTS; see below, GRASSES

FRUIT

1769-1881. Fruit raising in Cal.; the early days of state; the canning business; fruit raising should be a leading industry of state. (Trans. state agric. socy. 1881: 190-200.)

1849-1881. Fruit culture; a paper by G. G. Brigg, giving the experience of a pioneer fruit grower in the state with special reference to raisin production. (*Same* 1881: 181-189.)

AGRICULTURE—cont'd
Crops—cont'd
FRUIT—cont'd
1856. Table of statistics of hortic. products, compiled from official repts. of co. surveyors and co. assessors. (A.R. surveyor gen. 1856 (foldg. table)—*same* 1865.)
1859. Pomological rept. (Trans. state agric. socy. 1859: 293-300.)
1870. Fruits in mountains of state. (*Same* 1870/1: 51-52.)
1871. The culture of small fruit in Cal. (*Same* 1870/1: 478-482.)
1871-1875. Fruit culture in state. (*Same* 1870/1 (pp. 448-461)—*same* 1875.)
Not found in 1872.
1883. Rept. of committee on fruit statistics and ways and means, recommending system whereby fruit growers can receive reliable information re. prospects and estimates of each season's crops; also discussion of same. (A.R. bd. hortic. 1883: 35-37.)
——. Paper on necessity of organizing fruit growers' societies in all fruit districts. (*Same* 1883: 103-105.)
1883-1886. Discussion of subject of stock for fruit trees. (*Same* 1883 (pp. 105-110)—bienn rept. *same* 1885/6.)
1884. Suggestion that law re. assessing property be amended so as to require assessors to make careful enumeration of fruit trees. (Bienn. rept. bd. hortic. 1883/4: 95.)
——. The outlook of fruit industry in Cal.; discussion. (*Same* 1883/4: 68-76.)
1884-1893. Table showing value of fruits imported in past decade and conflicting with Cal. products and those not conflicting. (*Same* 1893/4: 26-27.)
1885. The past and future of fruit growing in Cal. (Trans. state agric. socy. 1885: 184-188.)
——. Address on fruit shipping: Cal. fruit union, r.r. rates to be secured by uniting in an organization; discussion. (Bienn. rept. bd. hortic. 1885/6: 78-97.)
——. Suggestion that measure be taken to adopt nomenclature of fruits in state. (*Same* 1885/6: 137-139.)
——. Discussion of proper time to gather different kinds of fruits, curing, etc. (*Same* 1885/6: 75-78.)
1885-1888. Discussion of best varieties of different fruits to meet wants of consumers. (*Same* 1885/6 (pp. 131-142)—*same* 1886/8.)
——. Paper on forests and fruit growers; discussion—recommendation that legislative action be taken on subject of forest protection. (*Same* 1885/6 (pp. 118-128)—*same* 1886/8.)
1885-1890. Discussion of subject of protective tariff for fruit industry; memorial to Congress. (*Same* 1885/6 (pp. 156-160; 178-185; 334-342)—A.R. *same* 1890.)
1885-1891. Rept. on fruit exhibits. (*Same* 1885/6 (pp. 152-156)—A.R. *same* 1891.)
Not found in repts. for 1886/8 and 1890.
——. Fruit marketing; discussion of care in selection, kind and size of packages, marketing and shipping. (*Same* 1885/6 (pp. 68-75; 250-259; 498)—A.R. *same* 1891.)
Not found in ann. rept. 1890.
1885-1894. Discussion of cultivation and pruning of fruit trees: orange, lemon, apricot, apple, pear, and prune, etc. (*Same* 1885/6 (pp. 161-178; 241-246; 267-274)—*same* 1893/4.)
Not found in ann. rept. 1892.
1886. Fruit and wine agst. wheat; diversified farming solves problem of what to grow. (Trans. state agric. socy. 1886: 192-194.)

AGRICULTURE—cont'd
Crops—cont'd
FRUIT—cont'd
1886. Table showing no. of fruit trees reported by assessors for each co.; repts. not to be relied on. (Bienn. rept. bd. hortic. 1885/6: 425-426.)
——. On causes of the death of young trees during the spring. (*Same* 1885/6: 413-416.)
——. Schedule showing no. of fruit trees growing, by varieties and cos. (*Same* 1885/6: 515-516.)
——. Growth of hortic. in other states. (*Same* 1885/6: 436.)
1887. Fruit growing in Cal.; by N. P. Chipman. (Trans. state agric. socy. 1887: 202-212.)
——. Profits of fruit growing and co-operation of fruit growers. (Bienn. rept. bd. hortic. 1885/6: 537-541.)
——. Hints on grafting. (*Same* 1885/6: 555-557.)
——. Paper on Japanese fruits in Cal.; discussion. (*Same* 1885/6: 442-448.)
1887-1895. Comment on fruit growing and shipping for yr. (Trans. state agric. socy. 1887 (pp. 16-18)—*same* 1895.)
1889. Progress of fruit culture in Cal.; by R. Williamson. (*Same* 1889: 305-308.)
——. Co-operation of fruit growers; paper and discussion. (A.R. bd. hortic. 1889: 448-454.)
1889-1902. Experiments with deciduous fruits at and near Southern Coast Range sub-station, Paso Robles. 48 pp. (Agric. exper. station, bull. 141.)
1890. A Cal. fruit crop; $43,000 yield from 58 acres. (Trans. state agric. socy. 1890: 235-237.)
——. Fruit culture in foreign countries; extracts from repts. of U. S. consular officers, made at request of Cal. state bd. of hortic. (A.R. bd. hortic. 1890: 353-472.)
——. Fertilization of orchards; by E. W. Hilgard. (*Same* 1891: 350-360.)
1890-1891. Culture of small fruit in Cal. (*Same* 1890 (pp. 156-158)—*same* 1891.)
1891. Condition of fruit industry in Cal.; citrus fruits, apple, peach, pear, etc. (*Same* 1891: 65-83.)
——. New varieties of fruit originating in Cal. (*Same* 1891: 129-132.)
——. Marketing Cal's. fruit crop; fruit for eastern shipment, for canners' use, for drying, and for local market; paper and discussion. (*Same* 1891: 422-430.)
——. Memorials to Congress from Cal. Fruit Growers' Convention requesting assistance in obtaining and disseminating knowledge re. foreign fruit products, also legislation to prohibit adulteration of food products in this country, and the importation of such adulterated products. (*Same* 1891: 447.)
——. Fruit vs. gold. (*Same* 1891: 375-378.)
1891-1904. Stmt. giving hortic. statistics. (Bienn. rept. equalization bd. 1891/2 (pp. 57-61)—*same* 1903/4.)
——. Discussion of co-operation among fruit growers. (A.R. bd. hortic. 1891 (pp. 383-387)—bienn. rept. *same* 1903/4.)
1891/2. Rept. of special agts. on condition of hortic. in the cos. (*Same* 1892: 373-448.)
1892. Table giving names of cos., no. of acres, and kinds of fruit trees, bearing and non-bearing. (Trans. state agric. socy. 1893: 112-113.)
——. Fruit vs. wheat. (4 bienn. rept. bd. hortic. 1893/4: 154-172.)
——. Cal. horticulturally; by B. M. Lelong. (A.R. bd. hortic. 1892: 11-67.)
——. Investigation of Cal. prunes, apricots, and peaches. 8 pp. (Agric. exper. station, bull. 97.)
——. Sulphuring in fruit drying; fig trees at exper. stations; notes on Persian palms. 8 pp. (*Same*, bull. 96.)

AGRICULTURE—cont'd
Crops—cont'd
FRUIT—cont'd
1892. Schedule showing acreage and varieties of fruit growing in state by cos. (A.R. bd. hortic. 1892, foldg. table.)
——. Ann. address of Hon. E. Cooper, pres. state bd. of hortic., before 16th state Fruit Growers' convention, held Nov., 1892. 1893. 14 pp. (Bull. 64, bd. hortic.)
1892-1893. Discussion of subject of thinning fruit. (4 bienn. rept. bd. hortic. 1893/4: 230-232; 341-343.)
——. Irrigation for development of fruit. (4 *same* 1893/4: 216-220; 322-325; 343-348.)
1893. Fruit and fruit soils in arid and humid regions; composition of soils and fruits; comparison of Cal. and European and Eastern results. (Bienn. rept. agric. exper. stations 1892/4: 327-334.)
——. The hortic. industry; by B. M. Lelong; written under direction of the gov. by authority of law. (Trans. state agric. socy. 1893: 164-177.)
——. Fruits and soils of the arid region. (4 bienn. rept. bd. hortic. 1893/4: 303-312.)
——. Further examination of Cal. prunes, apricots, plums, and nectarines. 8 pp. (Agric. exper. station, bull. 101.)
——. Same. (Bienn. rept. agric. exper. station 1892/4: 257-274.)
——. Resolutions and repts. adopted by Fruit Growers' convention, Nov. 14 pp. (Bull. 66, bd. hortic.)
1894. New fruit classification—Cal. names for Cal. fruits—schedule. (4 bienn. rept. bd. hortic. 1893/4: 415-416.)
——. Rept. of B. M. Lelong, supt. of hortic. dept. (Trans. state agric. socy. 1894: 93-96.)
——. List of varieties of fruits in the 5 exper. station orchards. (Bienn. rept. agric. exper. station 1892/4: 474-490.)
——. Notes on pruning deciduous fruits; by W. H. Tyson, foreman Southern Coast Range Station. (*Same* 1892/4: 397-400.)
1895. Preparation of fruit specimens for exhibitions; by E. W. Hilgard. (A.R. agric. exper. station 1894/5: 273-276.)
1897. Memorials from fruit growers of Cal. re. laws and apprn. for advance of fruit industry. (Sen. jol. 32 sess. p. 223.)
1898-1902. Comparative table showing gains and losses in different kinds of fruit. (7 bienn. rept. bd. hortic. 1899/00 (p. 30)—*same* 1901/2.)
1898-1903. Cumulative comparative table showing Cal. fruit and vegetable pack by varieties. (7 *same* 1899/00 (p. 42)—*same* comr. hortic. 1903/4.)
1900. Plan for organization of deciduous fruit growers. (7 *same* 1899/00: 207-208.)
——. Economics of production, and their influence upon fruit growing of the world; by Hon. W. H. Mills. (7 *same* 1899/00: 83-90.)
——. Protection to our fruit interests; by Capt. M. J. Daniels. (7 *same* 1899/00: 187-189.)
1901. Memorial from fruit growers of Cal. to transportation cos.
Not seen; entry from Bowker.
1901-1904. Table giving no. of fruit trees (bearing and non-bearing) in Cal., by cos. (8 bienn. rept. bd. hortic. 1901/2 (pp. 43-48)—*same* comr. hortic. 1903/4.)
1902. Recent progress in co-operation in state. (8 *same* 1901/2: 287-299.)
——. Winter irrigation of deciduous orchards. (8 *same* 1901/2: 179-181.)
——. Adaptation of resistant stocks to Cal. conditions; by E. H. Twight. (8 *same* 1901/2: 431-434.)

AGRICULTURE—cont'd
Crops—cont'd
FRUIT—cont'd
1902-1904. Rept. of Cal. Fruit Distributers. (8 *same* 1901/2 (pp. 309-311)—*same* comr. hortic. 1903/4.)
1903/4. Rept. of division of hortic. and field experiments. (A.R. agric. exper. station 1903/4: 110-133.)
——. Table giving analyses of fruits, olive oils, pickled olives, sulfurs, etc. (*Same* 1903/4: 48.)
1904. What the bureau of plant industry is doing for fruit growers. (1 bienn. rept. comr. hortic. 1903/4: 362-369.)
——. The gruit grower and the parcels post. (1 *same* 1903/4: 230-235.)
——. Papers and discussion on best methods of advertising Cal. fruit products. (1 *same* 1903/4: 388-415.)
——. Why farmers should support the Growers' Co-operative Agency. (1 *same* 1903/4: 277-281.)
Del Norte County
1891. Rept. of hortic. in Del Norte Co. (A.R. bd. hortic. 1891: 388-389.)
Fresno County
1889. Fruit culture in Fresno Co. (A.R. bd. hortic. 1889: 435-441.)
Humboldt County
1890. Fruit culture in Humboldt Co. (A.R. bd. hortic. 1890: 337-346.)
Placer County
1891. The Placer Co. fruit district. (A.R. bd. hortic. 1891: 476-479.)
Sacramento Basin
1886. The fruit interest in the great northern Sacramento Basin. (Bienn. rept. bd. hortic. 1885/6: 286-290.)
San Joaquin District
1884. Rept. of comr. for San Joaquin District. (Bienn. rept. bd. hortic. 1883/4: 56-59.)
1888. Rept. of San Joaquin Co. hortic. comn. (*Same* 1886/8: 271-272.)
1892/3. Rept. of comr. for San Joaquin District. (4 *same* 1893/4: 69-75.)
Santa Clara County
1889. Repts. of Santa Clara Co. Bd. of Trade and Los Angeles Chamber of Commerce on hortic. industry of their resp. cos. (Trans. state agric. socy. 1889: 282-285.)
Santa Maria Valley
1892. Fruit growing in Santa Maria Valley. (4 bienn. rept. bd. hortic. 1893/4: 221-223.)
Sutter County
1891-1892. Comparative tables showing output of each variety of fruit in Sutter Co., also prices. (A.R. bd. hortic. 1892: 288.)
Yuba County
1891-1892. Comparative tables showing output of different fruits in Yuba Co. for 2 yrs., and range of prices. (A.R. bd. hortic. 1892: 322-323.)
APPLE
1883. Apple and apple culture in Cal.; by J. Shinn. (A.R. bd. hortic. 1883: 38-41.)
1884. The outlook in Cal. apple industry; discussion. (Bienn. rept. bd. hortic. 1883/4: 37-82.)
1885-1894. See Fruit, above; these dates.
1886-1888. Apple and apple culture in Cal. (Bienn. rept. bd. hortic. 1885/6 (pp. 281-286)—*same* 1886/8.)
1897. Table giving proximate analyses of Cal. apples, showing variety, locality, and elevation. (A.R. agric. exper. station 1897/8.)
1902-1904. The apple industry of Cal. (8 bienn. rept. bd. hortic. 1901/2 (pp. 261-268)—*same* comr. hortic. 1903/4.)

AGRICULTURE—cont'd
Crops—cont'd
FRUIT—cont'd

APRICOT
See also below, Pests.
1885-1894. See Fruit, above; these dates.
1887-1890. Analyses and examinations of apricots and sugar-beets. (A.R. agric. exper. station 1890: 115-123.)
1888. Paper on apricot culture. (Bienn. rept. bd. hortic. 1886/8: 53-58; 128-133.)
1892. See Fruit, above; this date.
1893. See same; this date.
——. Apricot culture in Cal. (4 bienn. rept. bd. hortic. 1893/4: 29-55.)

CHERRY
1886-1894. Paper on cherry culture; discussion. (Bienn. rept. bd. hortic. 1885/6 (pp. 277-281)—*same* 1893/4.)
Not found in repts. for 1886/8 and 1892.

CITRUS FRUITS
See also below, Lemon; Orange.
1885. Bull. no. 39; analyses of oranges and lemons from Riverside Citrus Fair. (Bienn. rept. agric. college 1885/6: 72-79.)
——. Same; separate. 1 sheet.
1887. The early citrus fruits of Placer Co.; its record at citrus and state fairs. (Trans. state agric. socy. 1887: 234-240.)
——. How to pick, pack, and ship citrus fruits; by J. R. Dobbins. (Bienn. rept. bd. hortic. 1886/7: 535-536.)
——. Condition of citrus culture. (*Same* 1885/6: 550-554.)
1888. A treatise on citrus culture in Cal.; by B. M. Lelong. 96 pp., pls. (Hortic. bd.)
Library of Congress.
——. The four citrus belts of the northern hemisphere; tables showing average ann. and winter temperature, average temperature of coldest mo., and lowest temperature at points in each. (Trans. state agric. socy. 1888: 375-376.)
——. The future of citrus culture in Cal., markets, etc. (Bienn. rept. bd. hortic. 1886/8: 214-220.)
1889. Citrus culture in state; apprn. of $10,000 made by last legisl. to be offered in premiums for citrus fruits. (Trans. state agric. socy. 1889: 18-19.)
——. Scale of points for judgment of citrus fruits. (A.R. bd. hortic. 1889: 365-366.)
1890/1-1903/4. Cumulative comparative table showing steady growth of citrus industry for past decade—no. of carloads and boxes shipped. (7 bienn. rept. bd. hortic. 1899/00 (p. 34)—*same* comr. hortic. 1903/4.)
1891. Citrus fruits. Pt. 1, Fifteen yrs. with the lemon; by G. W. Garcelon. Pt. 2, New varieties of citrus fruits; by B. M. Lelong. 38 pp., map, pl. illus.
Not seen; entry from Bowker.
1892. Cal. scale for judging citrus fruits. 8 pp. (Hortic. bd.)
Not seen; entry from Bowker.
——. Propagation. The rearing of citrus and deciduous trees from seed. Budding, grafting, and appliances. By B. M. Lelong. 38 pp., 1 table. (*Same.*)
1893. No further necessity for special apprns. to citrus interest, as it is now upon equal footing with other resources. (Trans. state agric. socy. 1893: 23.)
——. Varieties of citrus fruits. (4 bienn. rept. bd. hortic. 1893/4: 250-255.)
——. No further necessity for special apprns. to citrus interest, as it is now upon equal footing with other resources. (Trans. state agric. socy. 1893: 23.)
1894. Analysis of citrus fruits (crop of 1893/4) from Southern Cal. Midwinter Fair Assn. exhibit. (Bienn. rept. agric. exper. station 1892/4: 250-256.)

AGRICULTURE—cont'd
Crops—cont'd
FRUIT—cont'd

CITRUS FRUITS—cont'd
1897. Acidity of root-sap of citrus trees; by E. W. Hilgard. (*Same* 1895/7: 181-183.)
1897/8. Effect of alkali on citrus trees in Corona orchards where water for irrigation was used from artesian wells and Lake Elsinore, latter containing alkali salts; tables showing alkali in soils of orchards irrigated with water from both sources; reclamation of injured orchards. (A.R. agric. exper. station 1897/8: 99-113.)
1900. Culture of citrus in Cal.; research by B. M. Lelong, assisted by experienced horticulturists. 260 pp., illus., pls. (Hortic. bd.)
Not seen; entry from Bowker.
1902. Same. Revised by state bd. of hortic. 268 pp., 1 pl., illus. (*Same.*)
——. Citrus fruit culture; by [W. H.] Mills. 46 pp. (Agric. exper. station, bull. 138.)

DATE
1890. Rept. of introduction of African date palm into Cal. (A.R. agric. exper. station 1891/2: 144-147.)
1891. Paper on date, with view to its introduction into state. (A.R. bd. hortic. 1891: 457-458.)

DRIED FRUITS; SEE INDUSTRIES

FIG
For pests of the fig see below, Pests. Blastophaga.
1871. Fig culture in state. (Trans. state agric. socy. 1870/1: 427-430.)
1883-1894. Discussions and papers on subject of fig drying; also of fig culture in state. (A.R. bd. hortic. 1883 (pp. 80-83; 94-97)—bienn. rept. *same* 1893/4.)
Not found in repts. for 1886/8, 1890, 1892.
1889. The future development of fig industry in state. (Trans. state agric. socy. 1889: 17.)
——. The figs. (A.R. bd. hortic. 1889: 115-136.)
1891. Cal. fig industry; by B. M. Lelong. (Trans. state agric. socy. 1891: 130-182.)
——. Fig caprification. illus.
Not seen; 500 cop. issued; entry from Ann. rept. state bd. hortic. 1892: 7.
1892. Cal. fig industry, with chap. on fig caprification. 55 pp. (Hortic. bd.)
Not seen; entry from Bowker.
——. The fig in Cal. (A.R. agric. exper. station 1891/2: 147-157.)
——. See also, Fruit, above; this date.
1893. Analyses of figs and fig soils. 8 pp. (Agric. exper. station, bull. 102.)
——. Same. (Bienn. rept. agric. exper. station 1892/4: 225-240.)
——. On curing the white Adriatic fig. (4 bienn. rept. bd. hortic. 1893/4: 270-273.)
1900. The Cal. Smyrna fig. (7 *same* 1899/00: 200-206.)
1902. Harvesting, packing, and marketing the Calimyrna fig. (8 *same* 1901/2: 436-443.)

GRAPE
See also below, Viticultural Board.
For pests of the grape see below, Pests. See also Industries, etc. Liquor. Wine.
1770-1880. Short historical sketch of vitic. in state begun by old mission fathers, and review of work done by bd. of vitic. comrs. since its organization in 1880. (A.R. bd. vitic. comrs. 1887: 7-21.)
1853-1880. History of Orleans Hill vineyard and its diseases. (1 *same* rev. ed. 1880: 112.)
1856-1858. Table exhibiting no. of grapevines in cultivation in state, by cos. (Trans. state agric. socy. 1858: 313-314.)

AGRICULTURE—cont'd
Crops—cont'd
FRUIT—cont'd
GRAPE—cont'd
1858. Rept. on grapes and wine of Cal.; by A. Haraszthy. (*Same* 1858: 311-329.)
1861. Rept. of special committee on culture of the grapevine in Cal. 10 pp. (App. to Assem. jol. 12 sess. doc. [11].)
——. Same. (Assem. jol. 12 sess. pp. 253-260.)
1862. Rept. of the comn. on the culture of the grapevine [consisting of a rept. by J. J. Warner, dealing with the choice of locality, planting, etc., of vineyards; and a letter dated Buena Vista Ranch, Feb. 8, 1862, and rept. of A. Haraszthy re. his procurement, in Europe, of vines, etc.]. 30 pp. (App. to Sen. and Assem. jols. 13 sess. doc. [12].)
——. Rept. of the committee on the culture and improvement of the grapevine. 9 pp. (*Same* 13 sess. doc. [27].)
1863. Prize essays on the culture of the vine in Cal. (Trans. state agric. socy. 1863: 156-167.)
——. Rept. and memorial of committee on culture of the grape. 8 pp. (App. to jols. 14 sess. unnum. doc.)
1865. Best modes of cultivating the grape in Cal.; by A. Haraszthy. (Trans. state agric. socy. 1865: 290-295.)
1866. Rept. of Assem. committee on culture of the grapevine. 11 pp. (App. to jols. 16 sess. v. 3 unnum. doc.)
1867. Culture and products of the vine; rept. to U. S. comn. at Paris Exposition. (Trans. state agric. socy. 1866/7: 357-369.)
——. Rept. [favorable] of Assem. committee on grapevine [making of wine, raisins, etc.], in Cal. 8 pp. (App. to Sen. & Assem. jols. 17 sess. v. 3 doc. [12].)
1870. Rept. and memorial presented to Sen. of Cal. by committee on culture of grape re. revenue laws. (Trans. state agric. socy. 1868/9: 268-271.)
——. Rept. of the grape culture committee on the cultivation of the grape and the production of wines and brandies in Cal. 13 pp. (App. to Sen. and Assem. jols. 18 sess. v. 3 doc. [9].)
1871. Training and pruning grapevines; by I. N. Hoag. (Trans. state agric. socy. 1870/1: 320-327.)
——. Grapes for special purposes. (*Same* 1870/1: 440-441.)
1872. Rept. of organization and proc. of Cal. Vine Growers' and Wine Brandy Mftrers'. Assn. and ann. fair of same. (*Same* 1870/1 (pp. 483-517)—*same* 1872.)
1 ann. fair in 1872.
1879. Estimate of cost of vineyards per acre for first 3 yrs. furnished by pres. of Anaheim Water Co.; estimate of cost of orange orchard in irrigation district, furnished by J. DeB. Shorb of San Gabriel Valley. (Rept. state engr. 1878/9 pt. 4 app. pp. 57-58.)
——. Grape culture in Cal.; by L. J. Rose of Los Angeles. (Trans. state agric. socy. 1879: 139-147.)
1879-1881. Vitic. statistics of Sonoma distr., by townships, showing no. and variety of vines planted previous to 1879 and each yr. after total in 1881. (2 A.R. bd. vitic. comrs. 1881: 30.)
1880. The wild vines of Cal. and Ariz. (1 *same* rev. ed. 1880: 44-56.)
——. Grafting Amer. vines: synopsis of lectures at Natl. Agric. School of Montpelier, France. (1 *same* rev. ed. 1880: 148-155.)
——. Recommendation that vitic. comrs. be empowered to employ traveling expert to gather statistics, that state exper. vineyard be established in order to make correct nomenclature of vines of state, and that urgent measures agst. phylloxera be passed. (1 *same* rev. ed. 1880: 10-12.)
1880. Vitic. lectures in the different distrs. provided for by act of legisl. (*Same* 1880: 14-15.)
——. Fertilizers for vines. (1 *same* rev. ed. 1880: 62-63.)
——. The permanent maintenance of our vineyards; by Prof. E. W. Hilgard. (1 *same* rev. ed. 1880: 75-84.)
——. Finding of vine of Soudan by Lécart, one of most important vitic. discoveries of age; securing of no. of these vines by state important. (1 *same* rev. ed. 1880: 14; 59-71.)
——. Culture of grape. Stmts. of Prof. E. Hilgard and A. Haraszthy, made before committee on culture and improvement of the grapevine, Feb. 13 pp. (App. to jols. 23 sess. v. 5 unnum. doc.)
1880-1881. Changes in vitic. status of state caused by 2 yrs'. work of bd. of vitic. comrs. (2 A.R. vitic. comrs. 1881: 14-15.)
1881. Translation of studies on several species of wild vines of Amer. and their adaptation to reconstitution of European vineyards; by Prof. M. A. Millardet. (1 A.R. chief executive vitic. officer 1881 app. pp. 83-108.)
——. Translation of practical manual of vitic. for reconstruction of so. vineyards in France—Amer. vines, submersion, plantation in sand; by G. Foëx, prof. at Natl. School of Agric. 80 pp. (*Same* 1881 app. A.)
——. Lectures and addresses. (1 *same* 1881: xxxviii-xl.)
——. Rept. on personal inspection of wine growing distrs. (1 *same* 1881: xxxii-xxxviii.)
——. Establishment of two experimental vineyards in state advised, with proper accessories—state chemical laboratory, professorship of vitic. (2 A.R. vitic. comrs. 1881: 15.)
——. Reproduced copy of original catalogue of vines, etc., introduced in 1861 by A. Haraszthy. (1 *same* rev. ed. 1880: 184-188.)
——. Grapes and wine of so. distr.; by L. J. Rose of San Gabriel. (Trans. state agric. socy. 1881: 176-180.)
1881-1887. Table showing varieties of grapes planted in Napa Co. in 1881 and in 1887; raisin, grape, wine, and brandy product of 1886; and no. of acres resistant vines planted in 1887. (A.R. bd. vitic. comrs. 1887: 44.)
1883-1889. Table of grapes worked in vitic. laboratory, showing proportion of pomace, must, etc. (Rept. of vitic. work, agric. college 1883/5 (pp. 52; 145-147)—*same* 1887/9.)
[1884.] Comparative examination of claret grapes from Fresno and Livermore Valley. 1 sheet. (Agric. exper. station, bull. 6.)
——. Same. (Rept. of vitic. work, agric. college 1883/5: 45-51.)
1884. Scientific researches conducted by State Univ. (2 A.R. chief executive vitic. officer 1882/4: 24.)
——. Muscat grape on so. mesas. 1 sheet. (Agric. exper. station, bull. 17.)
——. Misc. topics: grafting, stakes, lesson from So. Africa, samples of distillates. (2 A.R. chief executive vitic. officer 1882/4: 167-179.)
——. The treaty with Mexico. (2 *same* 1882/4: 21-22.)
——. Vitic. in Ariz. and other states. (2 *same* 1882/4: 22-23.)

AGRICULTURE—cont'd
Crops—cont'd
FRUIT—cont'd
GRAPE—cont'd

1884. Local resident vitic. officers—list of same. (2 *same* 1882/4: 25-27.)
——. Development of vitic. industry in Cal.—vitic. considered industrially from standpoint of national importance; growth and present condition in Cal.; question of overproduction; shipping grapes and raisins. (2 *same* 1882/4: 31-53.)
——. Culture of vine in Cal., comprising notes of study and observation, mostly involving general principles. (2 *same* 1882/4: 55-76.)
——. General principals governing vegetation, pruning, training, and maintenance of vine. (2 *same* 1882/4: 77-102.)
——. Ampelography—being practical notes re. varieties of vines now well known in Cal. and references to certain others that would be valuable for extensive propagation or preliminary experiment. (2 *same* 1882/4: 103-151.)
——. The Chaintre system of pruning and training vine, containing translations of practical French manuals, with illus. 67 pp. (2 *same* 1882/4 app. 1.)
——. Practical manual of pruning as practiced near Bordeaux, containing original translations from French of A. Cazenave, with illus. 61 pp. (2 *same* 1882/4 app. 2.)
——. Different methods of grafting vine, containing original translations, with illus. 62 pp. (2 *same* 1882/4 app. 3.)
——. Grape culture in Cal.; larger apprn. to bd. of vitic. advised. (Trans. state agric. socy. 1884: 174-182.)
1884-1885. Stmt. giving vitic. rept. (A.R. equalization bd. 1883/4 (pp. 116-117)—*same* 1885/6.)
——. Rept. of committee to state vitic. convention, 1884, re. work done at vitic. laboratory of State Univ., recommending apprn. of $10,000 for same; docs. re. controversy betw. Agric. Dept. of State Univ. and vitic. comrs. in regard to use of above mentioned apprn. which was made by legisl. of 1885. (Rept. of vitic. work agric. college 1883/5: 20-24.)
1884-1886. Remarks on vintage each yr. (Rept. of vitic. work, agric. college 1883/4 (pp. 157-158)—*same* 1885/6.)
1884/5-1885/6. Operations at Univ. exper. vineyard at Cupertino, Santa Clara Co. (*Same* 1883/5 (pp. 160-161)—*same* 1885/6.)
1885. Grafting and fruiting resistant vines; by Hausmann. 1 sheet. (Agric. exper. station, bull. 46.)
——. Grafting Cal. wild vines; by Packard. 1 sheet. (*Same*, bull. 45.)
——. Experiments on growth of cuttings from wild Amer. vines; by Hilgard. 1 sheet. (*Same*, bull. 34.)
——. Vitic. and vinic. in Cal. . . . prepared for New Orleans World's Fair. 42 pp. (Vitic. comn.)
1886. Experimental vineyard at Cupertino. 1 sheet. (Agric. exper. station, bull. 59.)
——. Collection of vine specimens; need of rectifying nomenclature. (Rept. of vitic. work, agric. college 1885/6: 21-22.)
——. Table showing no. of acres of growing grapevines from one yr. up to four and over, in each co. (approximately correct). (Bienn. rept. bd. hortic. 1885/6: 427.)
1886-1891. Paper on best grapes for table and market. (*Same* 1885/6 (pp. 246-247)—A.R. *same* 1891.)
Not found in ann. rept. 1889.

AGRICULTURE—cont'd
Crops—cont'd
FRUIT—cont'd
GRAPE—cont'd

1887. Herbaceous grafting; preliminary instructions for experimental work. (A.R. bd. vitic. comrs. 1887: 126-129.)
——. Resistant vines best suited to calcareous (limey) and marly soils; by Prof. P. Viala of Natl. School of Agric., Montpelier, France, on his mission to Amer. (*Same* 1889/90: 103-110.)
——. Planting and grafting resistant vines. 1 sheet. (Agric. exper. station, bull. 64.)
——. Misconception of Univ. vitic. work; by Hilgard. 1 sheet. (*Same*, bull. 67.)
——. Advantages of planting vines 3½ x 14 ft.; by C. Krug. (A.R. bd. vitic. comrs. 1887: 45-46.)
——. On necessity of establishing experimental vineyards in every prominent vitic. center of state. (*Same* 1887: 37-39.)
1887-1889. Tabulated observations and data re. grape crops on experimental plot at Cupertina. (Rept. of vitic. work, agric. college 1887/9: 311-333.)
1888. Grafting to muscats. (A.R. bd. vitic. comrs. 1889/90: 119-126.)
——. Table grapes, and the shipping of table grapes; paper and discussion. (Rept. 6 ann. state vitic. convention 1888: 35-43.)
——. Best and cheapest method of obtaining grafted vineyard on resistant stocks; paper and discussion. (*Same* 1888: 50-62.)
——. The Chaintre system of pruning and conducting the vine in Cal.; paper and discussion. (*Same* 1888: 72-77.)
1889. Golden grapes: irrigation lesson from a Sacramento vineyard; wonderful yield and profit of 15 acres; rich returns of R. D. Stephens; vines flooded in June, etc. [San Francisco "Bulletin" Nov. 23, 1889.] (Trans. state agric. socy. 1889: 296-299.)
1889-1894. Vitic. stations under private auspices. (Rept. of vitic. work, agric. college 1887/9 (p. 29)—*same* 1887/93.)
1890. Pruning the muscat grape. (A.R. bd. hortic. 1890: 152-155.)
——. Success of resistant vines; by J. Dressel. (A.R. bd. vitic. comrs. 1889/90: 74-75.)
——. Monthly notes at North Hill Vineyard, Milton, Calaveras Co. (Trans. state agric. socy. 1890: 322.)
——. The vitic. industry in Cal.; taken from U. S. census bureau bull. under date of Mch. 10, 1891. (*Same* 1890: 389-392.)
——. Stmt. of area and production of vineyards and capital invested, in Pacific Division of U. S., giving also average yield per acre, market value, distinguishing grapes for table use, for wine, and for raisins, total laborers employed, distinguishing cos. in Cal.; same for each state in Union. (*Same* 1890: 386-388.)
1891. Directory of grape growers, wine makers and distillers of Cal., and of principal grape growers and wine makers of the eastern states. 254 pp. (Vitic. comn.)
——. Port and sherry grapes in Cal., importation of Italian grapes, importation of olives. 6 pp. (Agric. exper. station, bull. 91.)
——. Same. (A.R. agric. exper. station 1890: 193-195.)
——. Rept. of C. A. Wetmore, chief executive officer, submitting plan for increasing market value of Cal. grapes. (A.R. bd. vitic. comrs. 1891/2: 18-21.)
1892. Rept. on present condition of vineyards of so. cos. with respect to Anaheim disease. (*Same* 1891/2: 39-41.)

AGRICULTURE—cont'd
Crops—cont'd
FRUIT—cont'd
GRAPE—cont'd
1892. Vitic. crop repts. by cos. (*Same* 1891/2: 123-127.)
——. The vine in Southern Col.; by E. C. Bichowsky and J. De Barth Shorb. 13 pp. (Vitic. comrs.)
——. Demand for resistant stocks greater than supply; recommended that state nursery be created temporarily to supply this demand. (A.R. bd. vitic. comrs. 1891/2: 12.)
——. Rept. on investigation of Anaheim disease in Los Angeles distr.; by E. C. Bichowsky. (*Same* 1893/4: 51-54.)
1892/3. Statistical rept. of vineyards in Sonoma Co. (*Same* 1893/4: 40-44.)
1892/4. Statistical rept. of vineyards in Los Angeles distr. by cos. (*Same* 1893/4: 45-50.)
1893. The vineyards of Southern Cal.; by E. C. Bichowsky. 47 pp. (Vitic. comrs.)
——. The vineyards in Napa Co.; being rept. of E. C. Priber, comr. for Napa distr., to bd. of vitic. comrs. 47 pp.
——. The vineyards in Alameda Co.; by Chas. Bundschu. 23 pp. (Vitic. comrs.)
——. Statistical rept. of vineyards in Alameda Co. (Rept. bd. vitic. comrs. 1893/4: 36-40.)
1893/4. Ash analyses of grapes and investigation of drain of grape crop on soil; comparison of methods of sugar analysis as applied to grape juice (musts). (Bienn. rept. agric. exper. station 1892/4: 322-327.)
1894. Composition and classification of grapes, musts, and wines; by E. W. Hilgard. (Rept. vitic. work, agric. college 1887/93: 3-16.)
1895. Repts. on recently imported grapes. (*Same* 1887/93: 361-364.)
——. Sunstroke of the vine. (*Same* 1887/93: 450-451.)
1896. Preservation of fresh grapes; by F. T. Bioletti. (*Same* 1887/93: 447-450.)
1897. Vine pruning; by F. T. Bioletti. 16 pp. (Agric. exper. station, bull. 119.)
See also below, under 1898.
1897/8-1903/4. Vitic. (A.R. agric. exper. station 1897/8 (pp. 185-200)—*same* 1903/4.)
1898. Vine pruning in Cal.; by F. T. Bioletti. (Revision of bull. 119, pubd. 1897.) (*Same* 1897/8: 185-200.)
1900. Bench-grafting resistant vines; by F. T. Bioletti and dal Piaz. 38 pp. (Agric. exper. station, bull. 127.)
——. Same; summary of results and conclusions of bull. no. 127. (Rept. agric. exper. station 1898/01 pt. 1: 71-72.)
——. Phylloxera-resistant vines for Cal.; by F. T. Bioletti. (7 bienn. rept. bd. hortic. 1899/00: 172-181.)
——. Best methods of re-establishing vineyards in Cal. (*Same* 1899/00: 182-184.)
1901. Rept. of condition of vineyards in portions of Santa Clara Valley; by Bioletti and Twight. 11 pp. (Agric. exper. station, bull. 134.)
——. The season in vitic. (Trans. state agric. socy. 1901: 136.)
1902. Summary of bulls. issued by vitic. dept.; new methods of grafting and budding vines (bull. 146); resistant vines and their hybrids (bull. 148). (Rept. agric. exper. station 1901/3: 113.)
——. Resistant vines and their hybrids; by Twight. 13 pp. (Agric. exper. station, bull. 148.)
——. New methods of grafting and budding vines; by Twight. 13 pp. (*Same*, bull. 146.)

AGRICULTURE—cont'd
Crops—cont'd
FRUIT—cont'd
GRAPE—cont'd
1902. Grape-growing and wine industry in state. (8 bienn. rept. bd. hortic. 1901/2: 424-429.)
GUAVA
1891. The guava, from seed to market. (A.R. bd. hortic. 1891: 454-456.)
1901. The cultivated guavas, and their botanical differences; by J. B. Davy. (Rept. agric. exper. station 1898/01 pt. 1: 86-88.)
LEMON
See also above, Citrus Fruits and below, Orange.
1885-1891. Paper on the lemon; the culture and the gathering and packing. (Bienn. rept. bd. hortic. 1885/6 (pp. 97-98)—A.R. *same* 1891.)
1885-1894. See Fruit, above; these dates.
NECTARINE
1893. See Fruit, above; this date.
OLIVE
For pests of the olive see below, Pests.
1769-1890. The mission olive: a tree of great longevity; its early introduction into Cal., and notes. (A.R. bd. hortic. 1890: 185-232.)
1885. The olive; by Klee. 1 sheet. (Agric. exper. station, bull. 41.)
1886. The olive in Cal.; a short acct. of its adaptation to many cos. (Bienn. rept. bd. agric. 1885/6: 417-424.)
1886-1894. Papers on olive culture, also discussion. (Bienn. rept. bd. hortic. 1885/6 (pp. 327-332)—*same* 1893/4.)
1887. A memoir on olive growing; by F. Pohndorff. (*Same* 1885/6: 517-534.)
——. A treatise on olive culture with reference to Cal.; by E. Cooper, of Sta. Barbara. (Trans. state agric. socy. 1887: 455-469.)
1888. The profitable olive: clipping from "Templeton Times," San Luis Obispo Co. (*Same* 1888: 148.)
1889. The olive in Cal., varieties, budding, grafting, new methods and general observations; by B. M. Lelong. 19 pp., pls. (Bd. hortic.)
Not seen; entry from Bowker. A second edition was prepared; see p. 14 ann. rept. hortic. bd. 1889; no record of its publication was found.
——. The olive—botanical and chemical study, climate and abode, vegetation and life propagation, varieties, analysis, and methods of detecting adulterations in olive oils, etc. (A.R. bd. hortic. 1889: 27-114.)
1890. Observations on olive varieties; by W. G. Klee. 4 pp. (Agric. exper. station, bull. 85.)
——. Same. (A.R. agric. exper. station 1890: 150-159.)
——. Ripening, picking, assorting, and conservation of olives; proper fertilization for olive trees; papers by L. Paparelli. (*Same* 1890: 159-166.)
——. The mission olive. (A.R. bd. hortic. 1890: 185-189; pls.)
1890-1897. Cumulative table giving partial analyses of samples of Cal. olives and olive oils (crops from 1890); with averages by olive varieties, and maximum and minimum. (Bienn. rept. agric. exper. station 1892/4 (pp. 316-319)—*same* 1895/7.)
1891. Notes on Cal. olives, their adaptation and oils. 4 pp. (Agric. exper. station, bull. 92.)
——. Same. (A.R. agric. exper. station 1890: 167-174.)
1891-1892. Comparative analyses and discussion of olive crops of 1891 and 1892, and quantity of oil. (*Same* 1891/2: 113-116.)

AGRICULTURE—cont'd

Crops—cont'd

FRUIT—cont'd

OLIVE—cont'd

1891-1898. Olive varieties and their adaptation; analyses for 1896-1897 and averages from 1891; by G. E. Colby. (Revision of bull. 123.) (Rept. agric. exper. station 1898/01 pt. 2: 263-284.)

1894. Olives and olive oils; descriptions and analyses of varieties; a new disease of the olive tree; olive culture. (Bienn. rept. agric. exper. station 1892/4: 279-322.)

——. Investigation of Cal. olives and olive oil; by A. P. Hayne. 16 pp. (Agric. exper. station, bull. 104.)

1895. Olives: pickling processes—notes on olive varieties, oil machinery, classification of oils, etc. (A.R. agric. exper. station 1894/5: 195-217.)

1897. The olive industry in Cal.; by A. P. Hayne. (Bienn. rept. agric. exper. station 1895/7: 191-193.)

1898/01. Olive cultivation, oil-making, pickling, diseases; by F. T. Bioletti. (Revision of bull. no. 23.) (Rept. agric. exper. station 1898/01 pt. 2: 285-307.)

1899. Olives; by F. T. Bioletti and G. E. Colby. 35 pp. (Agric. exper. station, bull. 123.)

——. Comment on olive and fig industries in state. (Trans. state agric. socy. 1899: 16-17.)

1900. Investigation . . . . of Cal. olive industry; development of industry, varieties, methods of culture, etc.; rept. to Gov. Gage. 83 pp., illus., pls. (Hortic. bd.)

——. Rept. on condition of olive culture in Cal.; by A. P. Hayne. 34 pp. (Agric. exper. station, bull. 129.)

OPUNTIA

1890. Opuntia fruit as an article of food and its adaptation to Cal. (A.R. bd. hortic. 1890: 133-136.)

ORANGE

See also above, Citrus Fruits and Lemon. For pests of the orange see below, Pests.

1879. Orange culture in Cal.; by I. N. Hoag. (Trans. state agric. socy. 1879: 132-138.)

——. See also above, Grape, this date.

1879-1892. Investigation and analyses of oranges and lemons, and comparison of results with analyses of previous yrs. (A.R. agric. exper. station 1891/2 (pp. 99-113)—bienn. rept. *same* 1892/4.)

1885. Analyses of oranges and lemons from Riverside Citrus Fair; by Hilgard. 1 sheet. (Agric. exper. station, bull. 39.)

1885-1891. Paper on orange growing; irrigation, fertilizing, etc.; discussion. (Bienn. rept. bd. hortic. 1885/6 (pp. 98-105; 128-131; 160; 488-490)—A.R. *same* 1891.)

1885-1894. See also Fruit, above; these dates.

——. Cumulative table giving proximate analyses of oranges and lemons of each yr's. crop and average of preceding yrs. by variety and place of production. (A.R. agric. exper. station 1891/2—bienn. rept. *same* 1892/4.)

1888. Paper on propagation of orange trees. (Bienn. rept. bd. hortic. 1886/8: 207-211.)

1890. Orange culture: the orange "from seed to grove"; by B. M. Lelong. 19 pp. (Bd. hortic.)
Not seen; entry from Bowker.

——. Fruit culture: some orange stock; fertilizing and methods of compounding fertilizers; injurious insect pests, etc.; by B. M. Lelong. 20 pp. (*Same.*)

1891. Investigation of Cal. oranges and lemons. 6 pp. (Agric. exper. station, bull. 93.)

——. Same. (A.R. agric. exper. station 1890: 106-115.)

1899-1900. Comparative examination of shipping navel oranges from northern, middle, and southern parts of state. (Rept. agric. exper. station 1898/01 pt. 2: 243-251.)

1902. Improvement of the orange; by Prof. J. W. Mills. (8 bienn. rept. bd. hortic. 1901/2: 255-258.)

PEACH

For pests of the peach see below, Pests.

1883. Paper on peach culture in state, and discussion. (A.R. bd. hortic. 1883: 64-71.)

1885. Discussion as to best variety of peaches for canning; their adaptations to localities. (Bienn. rept. bd. hortic. 1885/6: 147-152.)

1885-1894. See Fruit, above; these dates.

1888. The peach; its culture and marketing. (Bienn. rept. bd. hortic. 1886/8 (pp. 58-60)—A.R. *same* 1889.)

1891. Peach growing in Sacramento Valley. (A.R. bd. hortic. 1891: 449-453.)

1892. See Fruit, above; this date.

PEAR

1885-1894. See Fruit, above; these dates.

PESTS

See below, that title.

PLUM

1893. See Fruit, above; this date.

PRUNE

1849-1891. History and importance of prune industry in Cal.; prunes in Europe; production and market. (A.R. bd. hortic. 1891: 95-125.)

1883. French prune in Cal.—drying prune—extraordinary profit of that industry, particularly in Sacramento and cos. surrounding. (Trans. state agric. socy. 1883: 206-207.)

1885-1894. See Fruit, above; these dates.

1886-1891. The prune industry and cultivation in Cal. (Bienn. rept. bd. hortic. 1885/6 (pp. 290-294)—A.R. *same* 1891.)
Not found in ann. rept. 1889.

1887-1891. Comparative tables showing prime crop in state for a period of 5 yrs. and quantity imported into U. S. from Europe for same period. (A.R. bd. hortic. 1892: 360-361.)

1889-1904. Cumulative comparative table giving prime yield of state each yr. for series of yrs. (7 bienn. rept. bd. hortic. 1899/00 (p. 37)—*same* comr. hortic. 1903/4.)

1890. The French prune in Cal.; by Hon. J. Routier. (Trans. state agric. socy. 1890: 218-220.)

1891. The prune in Sta. Clara Valley; by Prof. C. H. Allen. (*Same* 1891: 122-125.)

——. Analyses of prunes, apricots, and peaches, and discussion of results. (Bull. no. 97.) (A.R. agric. exper. station 1891/2: 92-99.)

——. Prune industry. 33 pp. (Hortic. bd.)
Not seen; entry from Ann. rept. state bd. hortic. 1892: 7.

1892. History and importance of the prune industry in Cal.; also, prunes in Europe—production and markets; by B. M. Lelong. 33 pp., 5 pls. (App. to Sen. and Assem. jols. 30 sess. v. 3, doc. [1].)

——. Prune culture from a commercial standpoint. (4 bienn. rept. bd. hortic. 1893/4: 204-213.)

——. See also Fruit, above; this date.

1893. See same; this date.

1896. Pruning the prune. (5 bienn. rept. bd. hortic. 1895/6: 121-124.)

1904. Rept. on prune demonstration at St. Louis. (1 *same* 1903/4: 309-311.)

QUINCE

1886. Discussion on quince as a market fruit. (Bienn. rept. bd. hortic. 1885/6: 247-250.)

AGRICULTURE—cont'd

Crops—cont'd

FRUIT—cont'd

RAISIN

1871. Raisin culture in Cal. (Trans. state agric. socy. 1870/1: 468-470.)

1873-1889. Comparative table showing production of Cal. raisins. (*Same* 1887 (p. 215)—*same* 1889.)

1885-1904. Cumulative comparative table giving production of raisins in Cal. (7 bienn. rept. bd. hortic. 1899/00 (p. 39)—*same* comr. hortic. 1903/4.)

1889. The raisin crop in Cal. (A.R. bd. hortic. 1889: 430-434.)

1891. How to plant a raisin vineyard; by P. W. Butler. (*Same* 1891: 465-468.)

1900. Co-operation among raisin growers; Raisin Growers' Assn. and its benefits from a grower's standpoint. (7 bienn. rept. bd. hortic. 1899/00: 160-167.)

STRAWBERRY

1886. Paper on culture of strawberries and other small fruits in Cal. (Bienn. rept. bd. hortic. 1885/6: 228-235.)

GRAIN

For pests see below, that title.

1850. Cultivation of all grains and nearly all garden vegetables shown to be possible without irrigation of yr's. crops. (Govs. ann. mess. 1851.)

——. Review by committee on agric. of stock and grain raising prior to war, and uncertain protection of property rights resulting therefrom. (Legisl. jol. sess. 1849/50: 654.)

1855. Over one million dollars worth of wheat and flour exported by Cal. during yr. (Govs. ann. mess. 1856: 17.)

1856. Wheat, barley, and oats mentioned as more important products of Cal. soil. (*Same* 1856: 17.)

1858-1860. Comparative table showing yield of wheat and barley per acre. (A.R. surveyor gen. 1859 (pp. 32-33)—*same* 1860.)

1865. Essays on culture of wheat and barley in Cal. (Trans. state agric. socy. 1864/5: 296-300.)

1873. Discussion of the big wheat crop and the sack question. (*Same* 1872: 5-7; 37-39; 349-351.)

1874. Hogs vs. wheat. (*Same* 1874: 345-346.)

1878. Friedlander's ann. grain circular. (*Same* 1878: 143-150.)

1879. Mistakes in wheat culture and harvesting in Cal.; by I. N. Hoag. (*Same* 1879: 128-131.)

1880. Editorial comment from Sacramento Record Union on ann. address of pres. of bd. of agric. re. Cal. wheat industry and future of transportation and production in Cal. (*Same* 1880: 177-179; 181-184.)

——. Ann. address of pres. of bd. of agric. setting forth significant fact that crops of last season disprove fear that wheat lands are being exhausted; advantages of Cal. as wheat-growing state; the problems of transportation and market; the necessity of wheat producers bldg. their own wharves and warehouses at the seaboard; changes which completion of Southern Pacific R.R. will bring. (*Same* 1880: 10-16.)

——. Analyses of ash of two Cal. wheats. (A.R. agric. college 1880: 74-79.)

——. Editorial comment from Sacramento Record Union on ann. address of pres. of bd. of agric. re. Cal. wheat industry and future of transportation and production in Cal. (Trans. state agric. socy. 1880: 177-179; 181-184.)

1883. Plan proposed for collection of wheat crop statistics. (*Same* 1882: 16-17.)

——. Table showing amt. of wheat and barley in state Dec. 31, by cos. (*Same* 1883: 199.)

AGRICULTURE—cont'd

Crops—cont'd

GRAIN—cont'd

1883-1884. Table giving no. of acres in each co. planted in wheat, barley, oats, and rye, average yield per acre, and whole amt. produced. (*Same* 1883 (pp. 196-198)—*same* 1884.)

1885. Reasons given to show that Cal. has reached high-water mark in wheat industry; great wheat growers advised to introduce other productions; profitable uses suggested for their lands; future agric. wealth of state will depend in great degree upon its fruit and grape culture. (*Same* 1885: 176-178.)

1885/6. Rept. of results of distribution of cereals throughout state. (Bienn. rept. agric. college 1885/6: 98-107.)

1886. Cal. wheat crop yield by cos. (Trans. state agric. socy. 1887: 244-245.)

1886-1887. Amt. of damage done to grain crop by dry Northers in June. (*Same* 1886 (p. 14)—*same* 1887.)

1886-1895. Wheat, barley, and flour statistics; by T. C. Friedlander, secy. S. F. Produce Exchange. (*Same* 1886 (pp. 249-251)—*same* 1895.)

1886/7-1894/5. Statistics of wheat and flour for crop yr. (*Same* 1887 (p. 244)—*same* 1895.)

1888-1890. Comment on wheat crop. (*Same* 1888 (p. 19)—*same* 1890.)

1889. Wheat vs. fruit; wheat growing in Cal. and fruit growing in Cal.; by Gen. N. P. Chipman. (A. R. bd. hortic. 1889: 305-318.)

1892/3-1900/1. Comparative table showing Cal's. wheat crop (incl. flour) for 9 yrs. (Trans. state agric. socy. 1901: 162.)

1893-1895. Table showing average and yield of wheat, barley, oats, and corn, by cos. (*Same* 1893 (pp. 149-150)—*same* 1895.)

——. Wheat growing and its future in Cal. and other states: cost of production; decline in prices. (*Same* 1893 (pp. 13-15)—*same* 1895.)

1893-1899. Comparative table giving acreage and yield of wheat in state each yr. (*Same* 1899: 5.)

1894. Corresp. with wheat growers of state re. wheat growing in Cal.; cost of production, its uses as a food for farm animals and its future. (*Same* 1894: 100-130.)

1899. Comment on wheat industry in state. (*Same* 1899: 4-6.)

——. Same; barley industry in state. (*Same* 1899: 6.)

——. Same; corn and oat crops of yr.; area not extensive in state. (*Same* 1899: 6.)

1899-1903. Table showing wheat crop and total clearance by sea from S. F. of all canals. (11 bienn. rept. labor statistics 1902/4: 112.)

GRASSES AND FORAGE PLANTS

1865. The grasses of the state; by the botanist to bd. of agric. (Trans. state agric. socy. 1864/5: 131-145.)

1886. Tables giving analyses of grasses. (Bienn. rept. agric. college 1885/6: 88.)

1890. Grasses and forage plants suitable for Cal. (A. R. agric. exper. station 1890: 201-220.)

1894. The Cañaigre, or tanner's dock; Australian salt bush for alkali soils; by Hilgard and Jaffa. 16 pp. (Agric. exper. station, bull. 105.)

——. Tannin plant—cañaigre—in Cal., estimated cost of production; plates. (4 bienn. rept. bd. hortic. 1893/4: 420-425.)

1899. Australian salt-bushes—results of 18 yrs'. tests; characteristics, propagation, and field experiments; composition and food value; by Shinn and Jaffa. 30 pp. (Agric. exper. station, bull. 125.)

1903. Value of oak leaves for forage; by Mackie. 21 pp. (*Same*, bull. 150.)

AGRICULTURE—cont'd

Crops—cont'd

GRASSES AND FORAGE PLANTS—cont'd

ALFALFA

1871. Alfalfa in Cal. (Trans. state agric. socy. 1870/1: 472-474.)

1886. The adaptation of state to alfalfa. (*Same* 1886: 252-254.)

1891. With all the advantages of the state for production of alfalfa it is imported from Nev. (*Same* 1891: 24.)

1893. Alfalfa in Cal. (*Same* 1893: 133-134.)

1900. Alfalfa: its growth, cultivation, harvest, and value as a food; papers by W. H. Shafer of Selma, C. H. Sessions, Los Angeles, and B. Edmiston of Riverside. (*Same* 1900: 98-111.)

LUPINS

1899. Lupins for green-manuring; by Davy. 31 pp. (Agric. exper. station, bull. 124.)

HOPS

1855-1891. The hop industry in Cal.; its early history; by D. Flint, pioneer hop grower of Pacific coast. (Trans. state agric. socy. 1891: 196-197.)

1867. Hop culture in Cal. (*Same* 1866/7: 443-450.)

1893/4-1894/5. Table showing acreage and crop of hops in Cal., Oregon, Wash., and Br. Columbia; also distribution of stock. (*Same* 1893 (p. 153)—*same* 1894.)

1894-1899. Comparative table showing production of hops in state, also table showing crop and acreage of 1899 by cos.; together with comments on the industry in state. (*Same* 1899: 21-23.)

INSPECTION; see also below, PESTS. QUARANTINE

LUPINS; see above, GRASSES

NUTS

1889. Japanese nut and camphor tree in Cal. (A.R. bd. hortic. 1889: 355-357.)

1891. Nuts, berries, and misc. fruits in Cal. (*Same* 1891: 84-89.)

ALMOND

1886. Paper and discussion on the almond in Cal. (Bienn. rept. bd. hortic. 1885/6: 324-326.)

1890. Paper on almond culture in Cal. (A.R. bd. hortic. 1890: 72-75.)

1894. Varieties of Cal. almonds—plates and comments. (4 bienn. rept. bd. hortic. 1894: 417-419.)

1894/5-1903/4. See below, Walnut; these dates.

1896. Cal. walnuts, almonds, and chestnuts; their composition and draft upon soil; bleaching of nuts by dipping; by Colby and Hilgard. 15 pp. (Agric. exper. station, bull. 113.)

PECAN

1893. Discussion on adaptation of pecan nut to Cal. (4 bienn. rept. bd. hortic. 1893/4: 330-333.)

WALNUT

1886. Culture of English walnut in Cal. (Bienn. rept. bd. hortic. 1885/6: 332-333.)

1888-1890. Culture of soft-shell and hard-shell walnut in Cal.; also discussion. (*Same* 1886/8 (pp. 165-174)—A.R. *same* 1890.)

Not found in ann. rept. 1889.

1889. The culture of the English walnut in Cal. (A.R bd. hortic. 1889 (pp. 354-355)—*same* 1890.)

——. Budding and grafting the walnut. (*Same* 1889: 137-138.)

1891. The walnut in Ventura Co.; by N. B. Smith. (Trans. state agric. socy. 1891: 126-129.)

——. Table giving names of members of Los Nietos and Ranchito Walnut Growers' Assn. no. of sacks of walnuts each had, weight, and amt. recd. for same. (A.R. bd. hortic. 1891: 142.)

1891-1898. Comparative table showing production of almonds and walnuts in state, with comments. (Trans. state agric. socy. 1899: 16-17.)

AGRICULTURE—cont'd

Crops—cont'd

NUTS—cont'd

WALNUT—cont'd

1894/5-1903/4. Cumulative comparative tables giving Cal. walnut and almond production, also value of almonds and all other nuts imported into U. S. (8 bienn. rept. bd. hortic. 1901/2 (pp. 31-32)—*same* comr. hortic. 1903/4.)

1896. Cal. walnut industry; commercial importance, longevity, pollination, etc.; by B. M. Lelong. 44 pp., illus., pl. (Hortic. bd.)

——. Same. (5 bienn. rept. bd. hortic. 1895/6: 77-116.)

——. See also above, Almond; this date.

OATS; see above, GRAIN

PECAN; see above, NUTS

PESTS

serial

Under Act of March, 1883.

1 series

1883-1887/8. Rept. on the progress of Cal. orchards during the yr. by the state inspector of fruit pests.

In Documents as follows:

1883 in Ann. rept. bd. hortic. 1883: 12-27. Chapin.

1883/4 in Ann. rept. bd. hortic. 1883/4: 24-49. Chapin.

1885/6 in Bienn. rept. bd. hortic. 1885/6: 12-16. Boggs.

1886/7 in Bienn. rept. bd. hortic. 1885/6: 343-416. Klee.

1887/8 in Bienn. rept. bd. hortic. 1886/8: 242-259. Klee.

2 series

1890/1-1903/4. Rept. of quarantine officer and entomologist.

In Documents as follows:

1890/1 in Ann. rept. bd. hortic. 1891: 17-19. Craw.

1892 in Ann. rept. bd. hortic. 1892: 406-414. Craw.

1893 in Ann. rept. bd. hortic. 1893/4: 77-109. Craw.

1894 in Ann. rept. bd. hortic. 1893/4: 435-441. Craw.

1895-1898 none published.

1899/00 in Bienn. rept. bd. hortic. 1899/00: 57-73. Craw.

1901/2 in Bienn. rept. bd. hortic. 1901/2: 185-204. Craw.

1903/4 in Bienn. rept. bd. hortic. 1903/4: 108-122. Ehrhorn.

non-serial

1884. Diseases and pests. (2 A.R. chief vitic. officer 1882/4: 153-166.)

1885-1886. Discussion of laws to prevent spread of pests; present laws effective if carried out by universal and simultaneous action and if means were provided to enforce them. (Bienn. rept. bd. hortic. 1885/6: 60-67; 236-241.)

1885-1900. Fruit pests and their extermination; papers and discussions. (*Same* 1885/6 (pp. 39-60; 206-228)—*same* 1899/00.)

1888. Some pests and diseases of the vine, with remedies; paper and discussion. (Rept. 6 ann. state vitic. convention 1888: 63-71.)

1890. Résumé of rules and remedies adopted to present season for destruction of animal and vegetable parasites of the vine. (A.R. bd. vitic. comrs. 1889/90: 116-118.)

1894. Favorable comment on work of state bd. hortic. re. fruit pests. (Trans. state agric. socy. 1894: 26.)

1904. Rept. on condition of orchards and nursery stock in Utah and Oregon re. pests existing there and liable to be introduced into Cal. (Bienn. rept. comr. hortic. 1903/4: 29-33.)

APHIS

1882. Woolly aphis on apple and pear trees, suggested remedies; by C. H. Dwinelle. (A.R. hortic. comrs. 1882: 18-19; 89.)

AGRICULTURE—cont'd

Crops—cont'd

PESTS—cont'd

APHIS—cont'd

1883. Discussion of remedies agst. woolly aphis on apple and pear trees. (*Same* 1883: 46-51.)

1884. To destroy apple aphides. (Bienn. rept. agric. college 1883/4: 81-82.)

1886. Woolly aphis and its repression; by Klee. 1 sheet. (Agric. exper. station, bull. 55.)

1902. The black peach aphis in Cal.; by W. T. Clarke. (8 bienn. rept. bd. hortic. 1901/2: 355-360.)

——. Peach-worm; by Clarke. 44 pp. (Agric. exper. station, bull. 144.)

1904. Aphides attacking the apple; by W. T. Clarke. (1 bienn. rept. bd. hortic. 1903/4: 371-378.)

——. Hop aphis; by Clarke. 13 pp. (Agric. exper. station, bull. 160.)

APRICOT

1884. Discussion of apricot fungus. (Bienn. rept. bd. hortic. 1883/4: 104-112.)

ASPARAGUS

1902. Rept. on asparagus rust and quarantine measures to prevent its introduction into state. (8 bienn. rept. bd. hortic. 1901/2: 81-88.)

——. Rept. of action of bd. in matter of quarantine agst. asparagus rust prevalent in Eastern States. (8 *same* 1901/2: 15-18.)

BLASTOPHAGA

1892. The blastophaga. Fig caprification, or the setting of the fruit; by B. M. Lelong. (A.R. bd. hortic. 1892: 227-259.)

CHERRY

See below, Peach.

CODLIN MOTH

1881-1882. Repts. on occurrence and ravages of, and on remedies agst. codlin moth; enemies of mulberry trees; sulphocarbonate of potassium as remedy agst. apple root louse; by F. Gillet. (1 A.R. hortic. comrs. 1882: 24-34.)

1883. The greatest pest of the Cal. insect pests, or codlin moth; by F. Gillet. (A.R. bd. hortic. 1883: 72-74.)

CUT WORM

1871. The cut worm: remedies agst. (Trans. state agric. socy. 1870/1: 348-349.)

FUNGI

For diseases of particular plants, see name of plant in this group.

1882. The "smut" fungus; conditions under which it appears; by E. J. Wickson. (1 A.R. hortic. comrs. 1882: 91-94.)

1883. Fungi injurious to fruit trees; by Dr. H. H. Harkness. (A.R. bd. hortic. 1883: 51-59.)

1886. Some of the fungoid diseases affecting our deciduous fruits; by W. G. Klee. (Bull. no. 5.) (Bienn. rept. bd. hortic. 1885/6: 408-413.)

1889-1890. Fungoid diseases; by B. M. Lelong. (A.R. bd. hortic. 1889 (pp. 235-259)—*same* 1890.)

1892. Root knots on fruit trees and vines; by Woodworth. 4 pp. (Agric. exper. station, bull. 99.)

GALL LOUSE

1880. The gall louse in Ariz. (1 A.R. bd. vitic. comrs. revised ed. 1880: 59.)

GOOSEBEERY

1886. Discussion of a gooseberry pest—a small worm. (Bienn. rept. bd. hortic. 1885/6: 274-276.)

GRAPE

1884-1890. Rept. of E. Dowlen, special agt. to investigate Anaheim vine disease. (A.R. bd. vitic. comrs. 1889/90: 57-63.)

——. Brief historical sketch of the mysterious vine disease in Cal. (A.R. bd. hortic. 1890: 169-177.)

AGRICULTURE—cont'd

Crops—cont'd

PESTS—cont'd

GRAPE—cont'd

1885/6. Record of work re. resistant vines and vine diseases. (Rept. of vitic. work agric. college 1885/6: 136-186.)

1886. Rept. of examination of phenomena and causes of coulure of vine in San Diego Co.; and comparative observations on coulure in different grape varieties. (*Same* 1885/6: 155-176.)

1887. Abnormal deposits on vine leaves; mysterious death of vines; remedy for anthracnose of vines; by Hilgard. 1 sheet. (Agric. exper. station, bull. 70.)

1890. Remedy agst. Cal. grapevine hopper. (A.R. bd. vitic. comrs. 1889/90: 111-115.)

1892. Fungoid diseases of grape—cause and remedy; paper and discussion. (4 bienn. rept. bd. hortic. 1893/4: 138-139; 150-152.)

1896. Notes on botrytis cinerea on grapes in Cal.; by F. T. Bioletti. (Rept. of vitic. work, agric. college 1887/93: 451-453.)

1897. The Cal. vine hopper; by Woodworth. 14 pp. (Agric. exper. station, bull. 116.)

1901. Erinose of vine; by Bioletti and Twight. 7 pp. (*Same*, bull. 136.)

GRAPEVINE HOPPER

See above, Grape.

GRASSHOPPER

1902. Grasshoppers in Cal.; by Woodworth. 36 pp. (Agric. exper. station, bull. 142.)

——. Rept. of conflict betw. fruit growers and owners of pasture lands in matter of burning-over lands to destroy grasshopers, and action of bd. re. same. (8 bienn. rept. bd. hortic. 1901/2: 11-15.)

HESSIAN FLY

1886. The Hessian fly and resistant grains; by Wickson. 1 sheet. (Agric. exper. station, bull. 58.)

INSECTICIDES

1881. Carbon bisulphide and sulphocarbonates as insecticides; by J. H. Wheeler. (1 A.R. chief executive vitic. officer 1881 app. pp. 111-159.)

1883. An effectual insecticide. (Bull. no. 2.) (Bienn. rept. bd. hortic. 1883/4: 22-23.)

1886. Alkaline washes for fruit trees; by Hilgard. 1 sheet. (Agric. exper. station, bull. 52.)

——. Whale-oil soap insecticide washes; the suffering of vines; by Hilgard. 1 sheet. (*Same*, bull. 56.)

1887. Spray and band treatment for codling moth; difficult fermentations; by Wickson. 1 sheet. (*Same*, bull. 75.)

——. Arsenic remedy for grasshoppers. (A.R. bd. vitic. comrs. 1887: 140-144.)

——. Oidium (tuckeri) and the use of sulphur.—app. 1 to ann. rept. of chief executive vitic. officer. (*Same* 1887: 90-96.)

——. Winter washes recommended by state inspector of fruit pests; spring and summer remedies agst. codlin moth. (Bulls. nos. 4 and 6.) (Bienn. rept. bd. hortic. 1885/6: 558-564.)

1888. Experiments on cause and avoidance of injury to foliage in hydrocyanic gas treatment of trees; by Morse. 8 pp. (Agric. exper. station, bull. 79.)

——. Improved methods of chemical fumigation; paper and discussion. (Bienn. rept. bd. hortic. 1886/8: 174-178.)

——. Resin spray and its effects on citrus trees; by J. H. Kellom. (A.R. *same* 1889: 420-425.)

1896. Remedies for insects and fungi; by Woodworth. 15 pp. (Agric. exper. station, bull. 115.)

1899. Orchard fumigation; by Woodworth. 33 pp. (*Same*, bull. 122.)

AGRICULTURE—cont'd

Crops—cont'd

PESTS—cont'd

INSECTICIDES—cont'd

1899. Paris green for codlin moth; by Woodworth and Colby. 40 pp. (*Same*, bull. 126.)

1903. Directions for spraying codlin moth; by Woodworth. 20 pp. (*Same*, bull. 155.)

——. Sulphur sprays for red spiders; by Volck. 11 pp. (*Same*, bull. 154.)

——. Spraying with distillates; by Volck. 31 pp. (*Same*, bull. 153.)

——. Fumigation dosage; by Woodworth. 17 pp. (*Same*, bull. 152.)

——. Arsenical insecticides; by Colby. 38 pp. (*Same*, bull. 151.)

INSECTS—INJURIOUS

See also names of insects, i. e., locust, etc.; do. scale insects.

1865. Insects injurious to agric. in Cal.; by bd. of agric. entomologist. (Trans. state agric. socy. 1864/5: 129-130.)

1881. Remarks by C. H. Dwinelle on protective measures needed agst. insect pests. (1 A.R. hortic. comrs. 1882: 14-17.)

——. Rept. of F. Gillet, comr. for El Dorado distr., advising apptmt. of state entomologist, formation of co. hortic. comns. and enlargement of powers of central organizations. (1 A.R. hortic. comrs. 1882: 22-24.)

——. Treatise on insects injurious to fruit and fruit trees of Cal., remedies recommended for their extermination; by M. Cooke, chief exec. hortic. officer. 72 pp., illus. (Bd. hortic.)

Not seen; entry from Bowker. 2 eds. were published, viz., 1st, 7800 cop.; 2d, 2200 cop. (2 A.R. vitic. comrs. 1882: 67).

1883. The need of a general knowledge of insects; measures suggested—endowment of chair of entomology in State University and introduction of subject into public schools. (A.R. bd. hortic. 1883: 74-80.)

——. Circular sent out to fruit growers containing recommendations for suppression and eradication of various insect pests. (Bull. no. 1.) (*Same* 1883 (pp. 131-134)—*same* bienn. rept. 1885/6.)

——. Rept. and discussion of subject of endowing entomological chair at State University, by voluntary contribution. (*Same* 1883: 110-112.)

1884. Entomology of College of Agric.; by Dwinelle. 1 sheet. (Agric. exper. station, bull. 16.)

——. Same. (Bienn. rept. agric. college 1883/4: 79-80.)

——. Rept. of committee on entomological professorships. (Bienn. rept. bd. hortic. 1883/4: 100-103.)

1885/6. Rept. of dept. of entomology. (Bienn. rept. agric. college 1885/6: 140-156.)

1887-1888. Rept. on various injurious insects, and remedies agst. their ravages; scale insects, woolly aphis, etc.; by W. G. Klee. (Bienn. rept. bd. hortic. 1885/6 (pp. 373-407)—*same* 1886/8.)

1888. Remedies for destruction of insect pests, compiled from repts. by secy. of bd. (*Same* 1886/8: 273-280.)

——. Treatise on insects injurious to fruit and fruit trees of Cal.; by W. G. Klee. 61 pp., illus. (Bd. of hortic.)

Not seen; entry from Bowker.

1889. Nature's methods for subduing insect pests; paper and discussion. (A.R. bd. hortic. 1889: 394-401.)

1890. Insect pests and laws therefor; by W. E. Collins. (*Same* 1890: 47-51.)

AGRICULTURE—cont'd

Crops—cont'd

PESTS—cont'd

INSECTS—INJURIOUS—cont'd

1890-1903. Repts. on economic entomology and plant diseases. (A.R. agric. exper. station 1890 (pp. 303-326)—*same* 1901/3.)

1891. Destructive insects, their natural enemies, remedies and recommendations; by Alex. Craw. 51 pp., 3 pls. (Hortic. bd.)

Not seen; Library of Congress.

1894. Insect pests and remedies: synopsis from rept. of Alex. Craw, quarantine officer and entomologist for 1893. With latest approved formulas appended. 25 pp., iv pls. (Bull. 67 [i. e. 68], bd. hortic.)

1896. Insect pests and tree diseases liable to be introduced into state, and especially to be guarded agst. (5 bienn. rept. bd. hortic. 1895/6: 23-27.)

——. Injurious insect pests found on trees and plants from foreign countries. (5 *same* 1895/6: 33-55.)

1899/00. Rept. on mission of expert entomologist to foreign countries to collect and import beneficial insects. (7 *same* 1899/00: 9-17.)

1900. Insect pests and remedies. Latest approved formulas. 32 pp. (Bull. 71, bd. hortic.)

1901/2-1903/4. Review of insects of the yr. (8 bienn. rept. bd. hortic. 1901/2 (pp. 91-172)—*same* comr. hortic. 1903/4.)

1902. Rept. on work of entomological dept. of State Univ. (8 *same* 1901/2: 349-355.)

1902-1903. Summary of bulls. issued by entomology dept.; grasshoppers in Cal. (bull. 142), Cal. peachtree borer (bull. 143), peach worm (bull. 144), red spider of citrus trees (bull. 145), arsenical insecticides (bull. 151), fumigation dosage (bull. 152), spraying with distillates (bull. 153), sulphur sprays for red spiders (bull. 154). (Rept. agric. exper. station 1901/3: 108-110.)

1903. Remedies for insects; by C. W. Woodworth. 19 pp. (Circular 7, agric. exper. station.)

1903/4. Rept. of division of entomology. (A.R. agric. exper. station 1903/4: 85-87.)

1904. The entomological equipment of the hortic. comr.; by Prof. C. W. Woodworth. (1 bienn. rept. comr. hortic. 1903/4: 322-328.)

——. Bug vs. bug; list of insects on exhibit at St. Louis, with description of the work they do in Cal. (1 *same* 1903/4: 79-107.)

INSECTS—PARASITIC AND PREDACEOUS

1872. Parasitic insects in Cal. (Trans. state agric. socy. 1872: 356-369.)

1886. Insects praying on scale insects; by W. G. Klee. (Bienn. rept. bd. hortic. 1885/6: 404-407.)

1888. Parasites; by W. G. Klee. (*Same* 1886/8: 179-182.)

1889. Rept. of secy. on introduction of parasites into state. (A.R. bd. hortic. 1889: 21-23.)

1889-1894. Beneficial insects; by B. M. Lelong; discussions. (*Same* 1889 (pp. 260-288)—bienn. rept. *same* 1893/4.)

1891. Introduction of the Vedalia into South Africa; extracts from rept. of Mr. Louw, agt. for South Africa, on his Cal. mission to obtain said parasite. (4 bienn. rept. bd. hortic. 1893/4: 7-8.)

——. The curious history of a ladybird; how it saved the orange interests of Cal. [Scientific Amer. Suppl., Apr. 4, 1891.] (Trans. state agric. socy. 1890: 381-383.)

——. Internal parasites discovered in the San Gabriel Valley; recommendations and notes. 7 pp. (Bull. 57, bd. hortic.)

AGRICULTURE—cont'd

Crops—cont'd

PESTS—cont'd

INSECTS—PARASITIC AND PREDACEOUS—cont'd

1891-1893. Rept. on parasites and beneficial insects collected and sent to this country for propagation, by expert sent to Australia under act of 1891; distribution of parasites in state; stmt. of expenditures of mission. (4 bienn. rept. bd. hortic. 1893/4: 4-7.)

1892. Rept. on the importation of parasites and predaceous insects sent from Australia to check the injurious insects of fruits trees, particularly the scale. 15 pp. (App. to jols. 30 sess. v. 8 unnum. doc.)

——. Rept. of A. Koebele, agt. sent to Australia and adjacent countries for purpose of importing parasites and predaceous insects. (4 bienn. rept. bd. hortic. 1893/4: 145-150.)

1894. Repts. and press comments on results of distribution of Rhigobius ventralis, or black ladybird. (4 *same* 1893/4: 426-432.)

1904. Rept. of action of bd. in employing partial services of G. Compere in his search for parasites for destruction of insect pests. (1 bienn. rept. comr. hortic. 1903/4: 22-23; 196-197.)

INSPECTION

See above, that title.

LEMON

See below, Orange.

LOCUST

1879. The Rocky Mt. locusts: their destructive power; how they eat, and breed, and bring ruin. (Trans. state agric. socy. 1879: 148-175.)

OLIVE

1881. Repts. of E. Cooper on diseases of the olive and remedies. (1 A.R. hortic. comrs. 1882: 35-41.)

1898. The olive knot; by Bioletti. 11 pp. (Agric. exper. station, bull. 120.)

1902. Rept. on olive-knot in state. (8 bienn. rept. bd. hortic. 1901/2: 66-76.)

ORANGE

1900. Safeguards agst. Mexican orange maggot. (7 bienn. rept. bd. hortic. 1899/00: 21-22.)

1902. Orange and lemon rot; by Woodworth. 12 pp. (Agric. exper. station, bull. 139.)

1903/4. Correspondence on Mexican orange maggot. (Bienn. rept. comr. hortic. 1903/4: 43-50.)

ORANGE MAGGOT

See above, Orange.

PEACH, PEAR, PRUNE, ETC.

1883. Discussion of subject of bores in fruit trees. (A.R. bd. hortic. 1883: 118-130.)

1891. Peach yellows; eastern peach yellows; extent of affected distrs., causes and remedies; papers and discussions; map. (*Same* 1891: 395-399; 405-413.)

——. Peach yellows. A warning to fruit growers; by B. M. Lelong. 29 pp., 1 map, 4 pls. (Bull. 56(?), hortic. bd.)

See note under Horticultural comrs., below, serial group.

——. Peach-tree borers infesting deciduous trees. 7 pp., illus. (Bull. 58, bd. hortic.)

5000 cop. issued; not seen.

1892. Discussion of root knot on prune, cherry, and peach trees—all of that class—and remedy. (4 bienn. rept. bd. hortic. 1893/4: 152-153.)

1896. Causes of "frogging" and "bloating" of prunes; by F. T. Bioletti. 9 pp. (Agric. exper. station, bull. 114.)

——. Same. (Bienn. rept. agric. exper. station 1895/7: 254-259.)

1902. Rept. on root-knot of plum, prune, and peach trees. (8 bienn. rept. hortic. 1901/2: 77-80.)

AGRICULTURE—cont'd

Crops—cont'd

PESTS—cont'd

PEACH, PEAR, PRUNE, ETC.—cont'd

1902. Cal. peach-tree borer; by Woodworth. 15 pp. (Agric. exper. station, bull. 143.)

1902-1904. Rept. on pear-blight in state. (8 bienn. rept. bd. hortic. 1901/2 (pp. 53-65)—*same* comr. hortic. 1903/4.)

PEAR

See above, Peach, etc.

PHYLLOXERA

1873-1880. History of phylloxera-vastatrix and its ravages in Sonoma Valley. (1 A.R. bd. vitic. comrs. rev. ed. 1880: 108-111.)

1875. Lecture on the phylloxera or grapevine louse, delivered before State Vinic. Assn. Nov. 23, by E. W. Hilgard. 24 pp. (Bull. Univ. of Cal. no. 23.)

1876. Rept. re. Sen. bill 508 to save from destruction the vineyards of Cal. and to extinguish the phylloxera in said vineyards. 5 pp. (App. to jols. 21 sess. v. 5 unnum doc.)

1879. The phylloxera in Cal. (Bienn. rept. agric. college 1878/9: 65-68.)

1880. First rept. of committee on phylloxera, vine pests, and diseases of vine. (1 A.R. bd. vitic. comrs. rev. ed. 1880: 87-157.)

——. Rept. of occurrence of phylloxera in Cal., made under direction of jt. committee of state vitic. comn. and Univ. of Cal. (A.R. agric. college 1880: 92-108.)

——. The phylloxera, or grapevine louse, and remedies for its ravages; by E. W. Hilgard. 25 pp. (Suppl. 1 to rept. bd. of regents of Univ. Cal. 1880.)

1881. Rept. on investigation of phylloxera. (2 A.R. bd. vitic. comrs. 1881: 76-79.)

——. Distrs. infected by phylloxera; authenticated repts. from abroad of Amer. vines found to be truly phylloxera resistant; remedy for extermination. (2 *same* 1881: 15.)

——. Second ann. rept. of committee on phylloxera, vine pests, and diseases of vines. (1 A.R. chief executive vitic. officer 1881 app. pp. 163-174.)

1881-1884. Record of work re. phylloxera and its repression; bulls. nos. 19, 3, 18, and 48 given. (Rept. vitic. work agric. college 1883/5: 162-210.)

——. Original investigations on phylloxera and vine pests. (1 A.R. chief exec. vitic. officer 1881 (pp. viii-xvii)—2 *same* 1882/4.)

1882. Phylloxera-proof vines. (Trans. state agric. socy. 1882: 158-166.)

1883. Remedies for phylloxera; failure of cuttings. 1 sheet. (Univ. of Cal. agric. exper. station, bull. 3.)

1884. Mr. J. A. Bauer's phylloxera remedy. (Trans. state agric. socy. 1884: 200-204.)

——. Same; by Hilgard. 1 sheet. (Agric. exper. station, bull. 18.)

——. Observations on phylloxera in 1884; by Morse. 1 sheet. (*Same*, bull. 19.)

1885. Investigation upon mercurial phylloxera remedy; by Hilgard. 1 sheet. (*Same*, bull. 48.)

——. The phylloxera at Berkeley. Stmt. made by the professor of agric.; by E. W. Hilgard. 8 pp. (Vitic. comn.)

1890. The advance of the phylloxera. (A.R. bd. vitic. comrs. 1889/90: 22-23.)

1892. New researches upon the resistance of, and exemption from, phylloxera; by A. Millardet. [Trans. from French by C. J. Wetmore.] (*Same* 1891/2: 265-279.)

1894. The phylloxera of the vine; by Valery Mayet [with bibliog.]. Translated for state vitic. comrs. (Rept. bd. vitic. comrs. 1893/4: 107-191.)

AGRICULTURE—cont'd

Crops—cont'd

PESTS—cont'd

PHYLLOXERA—cont'd

1895. Phylloxera; by A. P. Hayne. (Rept. vitic. work agric. college 1887/93: 375-378.)

1901. Phylloxera of the vine; by Bioletti. 16 pp. (Agric. exper. station, bull. 131.)

1904. Observations on phylloxera; by O. E. Bremmer. (1 bienn. rept. comr. hortic. 1903/4: 337-343.)

POTATO WORM

1901. Potato worm in Cal.; by Clarke. 30 pp. (Agric. exper. station, bull. 135.)

PRUNE

See above, Peach.

QUARANTINE AND INSPECTION

serial

1881-1894. Text of regulations.

Checklist

1881 Nov. 2 Ann. rept. bd. vitic. comrs. 1881: 11-13.
1881 Nov. 1 Ann. rept. hortic. comrs. 1882: 9-11.
1889 June 29 Ann. rept. bd. hortic. 1889: 468-470.
1891 Nov. 19 Ann. rept. bd. hortic. 1891: 28-30.
1893 Dec. 28 Bienn. rept. bd. hortic. 1893/4: 12-13.
1894 Aug. 15 Bienn. rept. bd. hortic. 1895/6: 7-8.

non-serial

1881. Quarantine. (1 A.R. chief exec. vitic. officer 1881: xxiii-xxv.)

1886. Comment on quarantine guardians and inadequacy of their compensation. (Bienn. rept. bd. hortic. 1885/6: 434-435.)

1889. Synopsis of repts. of special agt. re. inspection of fruit pests, by cos. (A.R. *same* 1889: 472-476.)

——. Regulations to prevent spread of contagious diseases among fruit trees. 6 pp. (Bull. 53, bd. hortic.)

1890. National registration of plants, the need of complete and systematic plan of registration and how to accomplish it. (A.R. bd. hortic. 1890: 136-139.)

1891. Regulations to prevent introduction and spread of injurious insect pests and contagious diseases among fruit and fruit trees; amended Nov. 20. 13 pp. (Bull. 60, bd. hortic.)

1892. Suits agst. owners of contagious fruit trees. (Rept. atty. gen. 1891/2: 6.)

——. Rept. of quarantine officer on foreign pests and diseases. (4 bienn. rept. bd. hortic. 1893/4: 141-145.)

——. Rept. on president's address re. creation of dept. of fruit inspection, importation of parasitic insects, effective forestry laws, further Congressional action re. olive oil adulteration, and govt. ownership of r.rs. (4 *same* 1893/4: 215.)

——. Regulations to prevent introduction of injurious insect pests and contagious diseases among fruit and fruit trees. 7 pp. (Bull. 62, bd. hortic.)

1892-1902. Rept. on inspection of steamships and sailing vessels. (A.R. bd. hortic. 1892 (pp. 4-5)—bienn. rept. *same* 1901/2.)

1893. Suggestions on hortic. quarantine by quarantine officer. (4 bienn. rept. bd. hortic. 1893/4: 290-294.)

1894. Hortic. quarantine guardians, a revised list. 20 pp. (Bull. 67, bd. hortic.)

1895. Enforcement of hortic. quarantine regulations; opinion in case of Superior Court of Los Angeles calling into question constitutionality of amended act of 1881 re. same. (5 bienn. rept. bd. hortic. 1895/6: 8-10.)

1900. The need of a national hortic. quarantine law. (7 *same* 1899/00: 185-187.)

——. Memorials and res. adopted by Fruit Growers' Convention re. inspection of trees, etc., imported into this country; etc. (7 *same* 1899/00: 23-25.)

AGRICULTURE—cont'd

Crops—cont'd

PESTS—cont'd

QUARANTINE AND INSPECTION—cont'd

non-serial—cont'd

1904. Inspection of nursery stock from a nurseryman's standpoint. (8 *same* 1903/4: 317-322.)

——. Establishment of a plant quarantine at port of San Diego. (1 bienn. rept. comr. hortic. 1903/4: 17.)

——. The quarantine division of the state hortic. comn.; details of the work. (1 *same* 1903/4: 344-350.)

RED SPIDER

1882. The red spider; suggested remedies; by W. B. West. (1 A.R. hortic. comrs. 1882: 20-21.)

1902. Red spider of citrus trees; by Woodworth. 19 pp. (Univ. of Cal. agric. exper. station, bull. 145.)

RUSSIAN THISTLE

See below, Weeds.

SCALE INSECTS

1868-1890. Rise and downfall of cottony cushion scale. (A.R. bd. hortic. 1890: 53-57.)

1882. Rept. of S. S. Chapin, M. D., on scale insects; remedies suggested. (1 A.R. hortic. comrs. 1882: 65-88.)

1887. Address of Prof. C. V. Riley on scale insects and remedies agst. their ravages; also discussion. (Bienn. rept. bd. hortic. 1885/6: 450-479.)

——. Uses of gases agst. scale insects; by Chapman. 1 sheet. (Agric. exper. station, bull. 71.)

——. The use of hydrocyanic acid agst. scale insects; by Morse. 1 sheet. (*Same*, bull. 73.)

——. Res. to appt. committee to memorialize Congress to make apprn. for investigation of injurious scale insects in their native country, Australia, and their introduction into this country. (Bienn. rept. bd. hortic. 1885/6: 483.)

1888. Correspondence; parasites on San Jose scale at Los Angeles. (*Same* 1886/8: 281-286.)

1888-1891. Injurious insects—scale insects; by B. M. Lelong. (A.R. bd. hortic. 1889 (pp. 155-233)—*same* 1891.)

1890. Citrus scale insect in San Gabriel; yellow scale parasite; successful results of fumigation. (*Same* 1890: 347-349; 351-352.)

——. Memorials to legisl. asking apprns. for importation to this country of parasites for scale insects, and for uses of hortic. bd.; also for more stringent laws to protect and promote hortic. (*Same* 1891: 362.)

——. Historical sketch of rise and downfall of cottony cushion scale; by George Rice. 8 pp. (Bull. 54. bd. hortic.)

See notes under Bulletins, Horticultural commissions, serial group.

WEEDS

1890. The weeds of Cal.; by E. W. Hilgard; some Berkeley weed-seeds, thesis by H. P. Dyer. (A.R. agric. exper. station 1890: 238-266.)

1895. The Russian thistle in Cal.; by Shinn. 16 pp. (Agric. exper. station, bull. 107.)

——. Same. (A.R. agric. exper. station 1894/5: 277-291.)

1898. The extermination of weeds; by E. W. Hilgard. (*Same* 1897/8: 201-202.)

WHEAT

1879. Lecture by Prof. C. H. Dwinelle on rust in wheat. (Trans. state agric. socy. 1879: 116-120.)

——. Rust in wheat; cause and remedies. (Bienn. rept. agric. college 1878/9: 100-105.)

QUARANTINE; see above, INSPECTION

RYE; see above, GRAIN

AGRICULTURE—cont'd

Crops—cont'd

SUGAR

1881. Holcus sugar cane. (Trans. state agric. socy. 1881: 220-224.)

SWEET POTATO

1855. Sweet potatoes, of superior quality and flavor, cultivated in great abundance on overflow lands. (Govs. ann. mess. 1856: 22.)

1892/4. Analyses of Cal. sweet potatoes and comparison of composition with that of Irish potatoes. (Bienn. rept. agric. exper. station 1892/4: 219-225.)

TEA

1867. Tea culture in Cal. advised. (Trans. state agric. socy. 1866/7: 14-15.)

TOBACCO

1856. Soil and climate of Cal. believed by planters to be well suited to tobacco culture, alkaline lands in central part of state being capable of producing large crops. (Govs. ann. mess. 1856: 18.)

1863. Prize essay on culture and curing of tobacco in Cal. (Trans. state agric. socy. 1863: 168-172.)

1874. Tobacco in Cal.; culture of plant and curing of the leaf. (*Same* 1874: 273-284; 480-495.)

1895. Adaptability of Cal. for tobacco culture. (*Same* 1895: 22.)

——. Paper on tobacco production in Cal.; by Mr. E. Briggs. (*Same* 1895: 113-117.)

1898. Nicotine in Cal. grown tobacco. (A.R. agric. exper. station 1897/8: 149-154.)

VITICULTURE; see above, GRAPE

WALNUT; see above, NUTS

WHEAT; see above, GRAIN

Education

CALIFORNIA

1866. Agric. education and the press. (Trans. state agric. socy. 1866/7: 48-49.)

1874. Memorial of Cal. State Grange and Mechanics' Deliberative Assem. on the State Univ. 9 pp. (App. to jols. 20 sess. v. 6 [doc. 5].)
That provision be made for agric. education.

1875. Bull. Univ. of Cal. College of Agric. Announcement of lectures, etc. 4 pp. (Bull. no. 8.)

——. Same. Course of instruction by Prof. Hilgard for 1875/6. 4 pp. (Bull. no. 18.)

1878. Petition of State Grange, Mechanics' State Council, and Mechanics' Deliberative Assem. on subject of [agric.] education. 7 pp. (App. to jols. 22 sess. v. 4 [doc. 25].)

1880. See above, Crops. Grape; this date.

1883. See above, Agriculture; this date.

——. Rept. of law committee of bd. of regents, Univ. of Cal., on act of Congress of July 2, 1862. 12 pp

1884. The need of students to qualify themselves as specialists. (2 A.R. chief exec. vitic. officer 1882/4: 24-25.)

1886. Stmt. in reference to applications and contracts of John and Francisco Forster. 13 pp.
Under 150,000 acre grant.

1888. In matter of adjustment of Congressional land grant of 150,000 acres to state of Cal.; corresp. 15 pp.
Published by bd. regents, Univ. of Cal. Not seen; entry from Bowker.

1892-1893. Agric. instruction in public schools advised. (Trans. state agric. socy. 1892 (pp. 22-23)—*same* 1893.)

1892/3. Rept. of observations made on European agric. schools and exper. stations; general conclusions comparing conditions with those in Amer. (Bienn. rept. bd. agric. exper. station 1892/4: 27-44.)

1897. Suggestions for establishment of lower-grade agric. schools. (*Same* 1895/7: 7-9.)

AGRICULTURE—cont'd

Education—cont'd

CALIFORNIA—cont'd

1899. Comment on needs of agric. education in state. (Trans. state agric. socy. 1899: 36.)

1900. Agric. education; by B. I. Wheeler, pres. Univ. of Cal. (*Same* 1900: 125-128.)

1904. Rept. on work of school established at San Luis Obispo for teaching agric., mechanics, and domestic science. (1 bienn. rept. comr. hortic. 1903/4: 203-204.)

——. Agric. education in the public schools; by John S. Dare. 8 pp. (Hortic. comn.)

——. Same. (1 bienn. rept. comr. hortic. 1903/4: 225-230; 383.)

MINNESOTA

1897. Comment on Minn. plan for agric. teaching. (Bienn. rept. agric. exper. station 1895/7: 19-22.)

AGRICULTURAL COLLEGE

Land grant college under federal act of July 2, 1862.

serial

See Agricultural Experiment Station. Serial, 1 series.

non-serial

1863. State agric. college; remarks of supt. of public instruction of N. Y. re. donation of lands by Congress quoted. (13 A.R. supt. public instruction 1863: 68-70.)

1865. Preamble and res. re. apptmt. of committee to act with committee from Miners' Convention to secure fair organization, location, and mngmt. of agric. and mechanical college. (Trans. state agric. socy. 1864/5: 109-110.)

——. Suggestions re. establishment, location, and character of college for benefit of agric. and mechanic arts. (*Same* 1864/5: 78-93.)

——. Suggestions for mngmt. of agric. and mechanic arts college lands. (*Same* 1864/5: 77-78.)

——. Address on subject of establishment of agric. college in state, re. means by which legislation of Congress granting land for same to state may be made available. (*Same* 1864/5: 187-201.)

1865-1867. Remarks on agric. college lands. (A.R. surveyor gen. 1864/5 (pp. 99-100)—*same* 1865/7.)

——. State agric. college. (1 bienn. rept. supt. public instruction 1864/5 (pp. 78-80)—2 *same* 1866/7.)

1869-1871. On progress of State Univ.; the agric. college. (3 *same* 1868/9 (pp. 25-31)—4 *same* 1870/1.)

1871. Stmt. of working condition of the various agric. colleges in U. S. (Trans. state agric. socy. 1870/1: 313-319.)

——. Rept. of present condition of agric. college; no practical work being done; the subject commended to good judgment of the legisl. (*Same* 1870/1: 22-25.)

1880. Rept. of Assem. committee on agric., mining, and mechanic arts. 2 ll. (App. to jols. 23 sess. v. 5 unnum doc.)

1880-1886. On financial needs of agric. dept. (A.R. agric. college 1880 (pp. 10-11)—*same* 1885/6.)

1881. In the opinion of pres. of bd. of agric., funds derived from Congress for endowment and support of an agric. college, are not being applied by the Univ. in accordance with act of Congress creating, and constitution and statutes of Cal. re. such trust. (Trans. state agric. socy. 1881: 13-18.)

1883. Suppl. rept. of committee on agric., mining, and mechanics' arts college. (Assem. jol. 25 sess. pp. 311-314.)

——. Rept. of special committee, bd. of regents, Univ. of Cal., on the college of agric. 4 pp.

1885. Rept. on agric., mining, and mechanic arts college. (Assem. jol. 26 sess. p. 584.)

AGRICULTURE—cont'd

Education—cont'd

AGRICULTURAL COLLEGE—cont'd

non-serial—cont'd

1894/6-1902/4. Stmt. showing receipts and disbursements under act of legisl. of Cal. approved Mch. 31, 1891, expressing assent of state to act of Congress, approved Aug. 30, 1890, entitled, "an act to apply a portion of proceeds of public lands to more complete endowment and support of colleges for benefit of agric. and mech. arts, established under provisions of an act of Congress, approved July 2, 1862," and to the purposes of grants of moneys authorized thereby, and to all provisions thereof (known as "The Morrill College Act"). (A.R. state treasurer 1894/6 (p. 54)—bienn. rept. *same* 1902/4.)

FARMERS' INSTITUTES

1892-1904. Repts. of farmers' institutes. (Bienn. rept. agric. exper. station 1892/4 (pp. 22-26)—A.R. *same* 1903/4.)

1897. Comment on growing interest in farmers' institutes in Southern Cal. (*Same* 1895/7: 9-10.)

1902. Suggestion that legisl. make apprn. of not less than $12,000 for farmers' institutes. (*Same* 1898/01 pt. 1: 15.)

Expenditures for

1859-1860. Stmt. showing amt. expended for agric. purposes. (A.R. state controller 1858/9 (p. 12)—*same* 1859/60.)

1871. Stmt. showing expenditures, amt. of each apprn. made by law, amt. expended under each and balance unexpended for encouragement of agric., etc. (Bienn. rept. state controller 1869/71: 50.)

AGRICULTURAL COLLEGE; see above, EDUCATION

FAIRS

1890/4. Cost of citrus fairs; expenditures from apprns. made by state. (A.R. bd. examiners dated 1895: 71.)

HORTICULTURAL BOARD

1883-1891. Stmt. of ann. expenditures by secy. (A.R. bd. hortic. 1883 (pp. 10-11)—*same* 1891.)
Not found in bienn. rept. 1886/8.

1883-1894. Cost of state bd. of hortic.; expenditures from apprns. made by state and cost of prtg. (A.R. bd. examiners dated 1895: 68.)

1883/4-1890/1. Ann. rept. of treasurer. (Bienn. rept. bd. hortic. 1883/4 (pp. 15-17)—A.R. *same* 1891.)

1884-1904. Stmt. showing expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for hortic. (Bienn. rept. state controller 1882/4 (p. 54)—*same* 1902/4.)

1887. Stmt. by secy. of deficiency bills agst. bd. of hortic. (Bienn. rept. bd. hortic. 1886/8: 22.)

1889. Stmt. of amts. appropriated for salaries of officers of hortic. bd. and other uses. (A.R. *same* 1889: 16.)

1891-1904. Ann. financial stmt. of hortic. bd. (*Same* 1891 (pp. 1-2)—Bienn. rept. comr. hortic. *same* 1903/4.)

SEED AND PLANT DISTRIBUTION

1885/6. Rept. of distribution of seeds, plants, and scions, and donations received; summaries of distributions and financial stmts. (Bienn. rept. agric. college 1885/6: 157-164.)

1886/7-1902/3. Distribution of seeds and plants, and donations recd; financial stmt. (A.R. agric. exper. station 1890 (pp. 196-201)—*same* 1901/3.)

1891/2-1902/3. Cumulative comparative financial stmt. of receipts and expenditure of seed and plant distribution. (Bienn. rept. *same* 1892/4 (p. 346)—*same* 1901/3.)

AGRICULTURE—cont'd

Expenditures for—cont'd

STATE VETERINARIAN

1902-1904. Stmt. showing expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for state veterinarian. (Bienn. rept. state controller 1900/2 (p. 87)—*same* 1902/4.)

VITICULTURAL BOARD

1880-1881. Ann. rept. of treasurer. (1 A.R. bd. vitic. comrs. rev. ed. 1880 (p. 16)—*same* 1881.)

1880-1894. Cost of state bd. of vitic.; expenditures from apprns. made by state, and cost of prtg. (A.R. bd. examiners dated 1895: 69.)

1882-1896. Stmt. showing amt. of expenditure, and of each apprn. made by law, amt. expended under each, and balance unexpended for state vitic. comrs. (Bienn. rept. state controller 1880/2 (p. 82)—*same* 1894/6.)

1887. Rept. of receipts and disbursements for yr. (A.R. bd. vitic. comrs. 1887: 63.)

1887/8-1889/90. Stmt. of receipts and expenditures of comrs. for 3 yrs. (*Same* 1889/90: 97-98.)

1889. Rept. of committee on vinic. and vitic. with stmt. of disbursements of state vitic. comr. (Assem. jol. 28 sess. pp. 623-624.)

1890/1-1891/2. Stmt. of receipts and disbursements for 2 yrs. (A.R. bd. vitic. comrs. 1891/2: 5-6.)

Fairs

1872. Notes taken at the fairs of the several co., distr., and state societies. (Trans. state agric. socy. 1872: 205-216.)

1881-1892. Trans. of distr. agric. assns. and fairs. (*Same* 1881 (pp. 227-440)—*same* 1892.)

CITRUS FAIRS

1879. Proceedings of 2d ann. Citrus Exhibition of Southern Cal. (Trans. state agric. socy. 1879: 447-448.)

1888. Rept. of a winter fair: the Oroville Citrus Exhibition. (*Same* 1888: 206-218.)

1890. Favorable comment on citrus fairs and recommendation that apprn. for these exhibitions be continued for another term of 2 yrs. (*Same* 1890 (pp. 23-24)—*same* 1891.)

1890-1895. Repts. of state citrus fairs. (*Same* 1889 (pp. 239-255)—*same* 1895.)

EXPENDITURES FOR; see above, EXPENDITURES

MIDWINTER FAIR

1894. Rept. on Midwinter Fair exhibit and celebration of hortic. day. (4 bienn. rept. bd. hortic. 1893/4: 445-451.)

PREMIUMS; see below, that title

STATE FAIR

See also below Premiums.

1855. Rept. favoring apprn. to aid State Agric. Socy. to meet expenses of first ann. fair. (Assem. jol. 1855: 290.)

——. State Fair complete success and encouragement of State Agric. Socy. urged. (Govs. ann. mess. 1856: 7.)

1856. Official rept. of 3d agric. fair, cattle show, etc. 80 pp. (State agric. socy.)

1857. Same, 4th. 190 pp.
Not seen; entry from Bowker.

1858. Rept. of committee on permanent location of the fair of State Agric. Socy. (Trans. state agric. socy. 1858: 46-50.)

——. Rept. on fair. (*Same* 1858: 110-112.)

1858-1863. List of entries at the socy's. fair. (*Same* 1858 (pp. 82-109)—*same* 1863.)

1859. Stmts. of competitors in the different depts. re. their entries. (*Same* 1859: 201-226.)

AGRICULTURE—cont'd

Fairs—cont'd

STATE FAIR—cont'd

1867-1875. Stmts. of claimants for gold medals for most meritorious exhibition in each dept.; rept. of committee on gold medals. (*Same* 1866/7 (pp. 177-247)—*same* 1875.)

No returns in 1868/9.

1868. Brief mention of noteworthy exhibitions. (*Same* 1868/9: 111-122.)

1870/1-1900/1. Repts. of gold medal committees. (*Same* 1870/1 (pp. 170; 309-312)—*same* 1901.)

1873-1890. List of exhibits at ann. fair. (*Same* 1872 (pp. 57-93)—*same* 1890.)

1880. Calling attention to indifference towards socy. fair that has heretofore prevailed among stock breeders and producers of general agric. crops; suggested improvements to remedy same, revision of premium lists; by corresp., by traveling agts., and by publications, bringing socy. into close relations with industrial class; by opening up corresp. with other states and countries, assisting various industries to find markets for surplus profits. (*Same* 1879: 15-20.)

——. General rept. of state fair from Sacramento Record-Union; editorial comments. (*Same* 1880: 125-184.)

1880-1886. Comparative stmt. of receipts and expenditures of Agric. Socy. fair for 2 yrs. (*Same* 1881 (p. 57)—*same* 1886.)

1881. Under act of 1880 works of art and industrial products other than those of Cal. are excluded from exhibit at ann. fair; recommendation that practice be abandoned or law changed; also that State Pavilion be erected at Capitol Park with surroundings which represent history, arts, and products of Cal. (*Same* 1881: 9-10.)

1883. The time of holding fair to be extended to 2 wks.; a new and larger list of premiums to be offered; permanent improvements made during yr. and cost of same; real estate purchased. (*Same* 1883: 11-14.)

——. History of the exposition bldg. and cost of same. (*Same* 1883: 14-18.)

——. Three wks'. exhibition of ann. fair proposed. (*Same* 1883: 15-16.)

1883/4. Detailed stmt. of expenses of bldg. and improvements at park and pavilion. (*Same* 1884: 13-14.)

1885. Permanent improvements made at park on pavilion. (*Same* 1885: 16.)

1886. Rept. of committee to lease park bldgs. (*Same* 1885: 31.)

——. Exhibits at State and Mechanics' Inst. fairs. (Bienn. rept. agric. college 1885/6: 164-186.)

1887. Comment on benefit ann. exhibitions have been to general public, and the assistance that the system of distr. agric. assns. have been to ann. exhibitions. (Trans. state agric. socy. 1887: 11-13.)

——. Suggestion that an excursion each yr. be arranged to arrive from the East during progress of the State Fair. (*Same* 1887: 21-22.)

1887-1889. Rept. of committee of bds. on co. exhibits. (*Same* 1887 (pp. 136-156)—*same* 1889.)

1888. Favorable comment on co. exhibits at State Fair. (*Same* 1888: 22.)

——. The proposed foreign exhibit. (*Same* 1888: 14-16.)

1888-1889. Comment on San Francisco Journal of Commerce exhibit. (*Same* 1888 (pp. 144-147)—*same* 1889.)

1891-1895. Comment on ann. exhibitions at State Fair by pres. of bd. of agric. (*Same* 1891 (pp. 11-14)—*same* 1895.)

AGRICULTURE—cont'd

Fairs—cont'd

STATE FAIR—cont'd

1892. General review of pavilion display at State Fair. (*Same* 1892: 100-106.)

——. State Fair exhibition one of unsual extent because of this being Columbian yr.; Sacramento made special apprn. of $5000. (*Same* 1892: 11-13.)

1894. For purpose of obtaining new park grounds, a bill has been introduced in legisl. giving bd. of agric. authority to dispose of present park grounds, under process of Superior Court, and depositing money recd. therefor in state treasury. (*Same* 1894: 31-33.)

Fence Law

1856. Rept. of committee on agric. re. petition of citizens praying repeal of all laws requiring fences for protection of crops, and enactment of law allowing damages to full amt. of stock depredations on growing crops. (Assem. jol. 1856: 360-361.)

1863. The fence question in Cal. (Trans. state agric. socy. 1863: 146-155.)

1864. Fencing, and grain farming; revision of state fence law recommended. (*Same* 1864/5: 66-69.)

1868. Communication from San Francisco Chamber of Commerce re. proceedings of that body in their efforts to procure repeal or modification of fence laws. (*Same* 1866/7: 114-122.)

——. Rept. of committee re. fencing agric. lands. 5 pp. (App. to jols. 17 sess. v. 3 unnum. doc.)

1871. The fence question: relative property considerations; expense of fences, scarcity of timber. (Trans. state agric. socy. 1870/1: 19-21.)

FENCES

1871. Hedge or live fences in Cal. (Trans. state agric. socy. 1870/1: 350-353.)

Horticultural Commissions and Boards

STATE BOARD

serial

REPORTS

Under Direction of Viticultural Commission

Under act of March 4, 1881.

"The law creating the state bd. of horticultural comrs. put the same under the direction of the viticultural commission to take charge of, together with the funds appropriated for its maintainment." (Ann. rept. vitic. comrs. 1887: 10.) The additional work thrown upon the vitic. comrs. by this arrangement caused them to apepal to the legislature for relief. The act of March 13, 1883 placed the horticultural commission upon an independent footing.

1 series

1881. Sessions of the bd. of state hortic. comrs. (1 A.R. bd. vitic. comrs. rev. ed. 1880: 173-175.)

2 series

1881/2. Rept. of bd. of state hortic. comrs., 1. Sacramento, 1882.

Checklist

1. [1881/2]. 1882. 94 pp. illus.

In Collected docs. as follows:

1. 1881/2 in App. to jols. 25 sess. v. 4 unnum. doc.

Under Independent Administration

1 series

Under act of March 13, 1883.

1883. Ann. rept. of state bd. of hortic. Sacramento, 1883.

Checklist

1883. 1883. 134 pp.

In Collected docs. as follows:

1883 in App. to jols. 26 sess. v. 5 unnum. doc.

2 series

1884-1886/8. Bienn. rept. of state bd. of hortic. Sacramento, 1884-1889.

Checklist

unnum. 1884. 1884. 116 pp.

" 1885/6. Bienn. rept. . . . . for 1885 and 1886. Also, app. for 1887. 1887. 583 pp., col'd pls.

AGRICULTURE—cont'd

Horticultural Commissions and Boards—cont'd

STATE BOARD—cont'd

serial—cont'd

REPORTS—cont'd

Under Independent Administration—cont'd

2 series—cont'd

Checklist—cont'd

3. 1886/8. Bienn. rept. 1888. 1889. 302 pp., illus., col'd pls.

In Collected docs. as follows:

unnum. 1884. Omitted.

" 1885/6 in App. to jols. 27 sess. v. 5 unnum. doc.

3. 1886/8 in App. to jols. 28 sess. v. 5 unnum. doc.

3 series

Under sec. 9 (p. 91) Statutes 1889.

1889-1892. Ann. rept. of the state bd. of hortic. Sacramento, 1890-1892.

Checklist

unnum.	1889.	1890.	536 pp., illus., col'd pls.	
"	1890.	1890.	522 pp., illus., col'd pls.	
"	1891.	1892.	488 pp., illus., col'd pls.	
"	1892.	1892.	463 pp.	

In Collected docs. as follows:

1889	in	App.	to	jols.	29	sess.	v. 4	unnum. doc.
1890	"	"	"	"	29	"	v. 6	" "
1891	"	"	"	"	30	"	v. 3	" "
1892	"	"	"	"	30	"	v. 3	" "

4 series

Under act of 1891.

1893/4-1901/2. Bienn. rept. of state bd. of hortic., 4-8. Sacramento, 1894-1902.

Checklist

4.* 1893/4. 1894. 458 pp., illus., pls.
5. 1895/6. 1896. 164 pp., illus.
6.† 1896/8. 1899. 2 il. 158 pp., pls., illus.
7. 1899/00. 1901. 254 pp., pl.
8. 1901/2. 1902. 447 pp., illus.

In Collected docs. as follows:

4.* 1893/4 in App. to jols. 31 sess. v. 5 unnum. doc.
5. 1894/6 in App. to jols. 32 sess. v. 5 doc. [2].
6. 1896/8 omitted.
7. 1899/00 in App. to jols. 34 sess. v. 4 doc. [10].
8. 1901/2 in App. to jols. 35 sess. v. 3 doc. [4].

5 series

Under Act of March 25, 1903.

1903/4. Bienn. rept. of comrs. of hortic., 1. Sacramento, 1905.

BULLETINS

1883-1900. State bd. of hortic. Bulletins, 1-71. Sacramento, 1883-1900.

Checklist

no. 1. [Recommendations for suppression and eradication of various pests infecting fruit trees and fruit.] May 17, 1883.
Reprinted in A.R. hortic. bd. 1883: 131-134; ib. 1884: 18-21; ib. 1885/6:

no. 2. [An effectual insecticide: whale oil and iron compound.] Nov. 5, 1884.
Reprinted in A.R. hortic. bd. 1884: 22-23.

no. 3. Not found; see reference to bull. in footnote, p. 404, A.R. hortic. bd. 1885/6.

no. 4. Winter washes recommended by state inspector of fruit pests. n. d.
Reprinted in A.R. hortic. bd. 1885/6: 558-561.

no. 5. Some of the fungoid diseases affecting our deciduous fruits. n. d.
Reprinted in A.R. hortic. bd. 1885/6: 408-413.

no. 6. Spring and summer remedies against the codlin moth. n. d.
Reprinted in A.R. hortic. bd. 1885/6: 562-564.

no. 7. Not found; see reference on p. 19, 3d bienn. rept. bd. horticulture.

No record of any numbered bulletins between no. 7 and no. 50 has been found. Those numbered 1-7 are, specifically, bulletins issued by the board's inspector of fruit pests. Bulletin no. 50 was issued in 1889 by that state bd. of horticulture created under sec. 9, statutes of 1889. In the opinion of the compiler no numbered bulletins were issued between nos. 7 and 50, the newly created board arbitrarily assigning no. 50 to the first of its series. No. 50 is regarded by the existing commission as the beginning of the file. The earlier nos. were intended for immediate and wide circulation and probably no record was kept of them. When the board of 1889 started its file, it is supposed a number was chosen for the beginning which would allow plenty of margin for such earlier numbers as might turn up without overlapping numbers.

no. 50.* Compilation of laws to protect and promote horticultural interests of state. 1889. 28 pp.

no. 51.* Laws relative to horticulture and remedies recommended for the destruction of injurious insects. 1889.

no. 52. Repts. of the San Bernardino and Tulare co. horticultural comrs. 1889. 5 pp.

no. 53. Regulations to prevent the spread of contagious diseases among fruit trees. 1889. 6 pp.

no. 54. Rept. of the Sutter co. bd. of horticultural comrs. 1889.

Not seen; taken from p. 18 Ann. rept. hortic. bd. 1889. See also note under next item.

no. 54. Historical sketch of rise and downfall of the cottony cushion scale; by George Rice. 1890. 8 pp.

Not seen; title supplied by Cal. State Library. Probably a case of duplicate numbering as in no. 67, below, and one is probably intended for no 55, but, which one, it has not been possible to ascertain from any of the sources resorted to by compiler.

no. 55. Cal. dried fruits and how to use them; by Prof. C. H. Allen. 1891 (?). 8 pp.

no. 56. Peach yellows. A warning to fruit growers; by B. M. Lelong. 1891. 29 pp., 1 map, 4 pls.

These two assignments, viz., no. 55 and 56 are suppositious. After considerable correspondence and research no record of these two bulletins was forthcoming. On p. 21 of the ann. rept. of the bd. of hortic. for 1891 there is an allusion to pamphlets, referred to as bulletins, relating to these subjects having been issued during the year. The pamphlet on Cal. dried fruits has not been seen by the compiler and that on Peach yellows is unnumbered. Although the assumption that these pamphlets were intended for these bulletins is reasonable, it is entirely probably that they have not been assigned to the correct numbers.

no. 57. Internal parasites discovered in the San Gabriel Valley; recommendations and notes. 1891. 7 pp.

no. 58. Peach-tree borers infesting deciduous trees; by A. Craw. 1891. 7 pp.

no. 59. Compilation of laws to protect and promote the horticultural interests of the state; act as amended. 1891. 7 pp.

no. 60. Regulations to prevent the introduction and spread of injurious insect pests and contagious diseases among fruit and fruit trees, and for the prevention, treatment, cure, and extirpation of fruit pests and of diseases of fruit and fruit trees; amended Nov. 20, 1891. 1891. 13 pp.

no. 61. Crops and fertilizers, with reference to Cal. soil and practice; a lecture by E. W. Hilgard. 1892. 16 pp.

no. 62. Regulations to prevent the introduction of injurious insect pests and contagious diseases among fruit and fruit trees. 1892. 7 pp.

no. 63. Fig drying and curing. Repr. from rept. of state bd. of hortic. for 1889. 1893. 7 pp.

no. 64. Ann address del'd by Hon. Ellwood Cooper, pres. of state bd. of horticulture, before 16th State Fruit Growers' Convention, held at San Jose, Nov. 1892. 1893. 14 pp.

no. 65. Fruit markets and transportation. Report to the State Fruit Growers' Convention, Los Angeles Nov. 21-24, 1893. 20 pp.

no. 66. Resolutions and repts. adopted by the Fruit Growers' Convention, Los Angeles, Nov. 21-24, 1893. 14 pp.

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* This notation resumes that of former series of bienn. repts., see above series 3.

† Title is Preliminary Report (6th biennial).

* No. 50 was supplied by Cal. State Library; no. 51 was taken from p. 18 ann. rept. bd. hortic. 1889. It is probable that both titles refer to the same bulletin, leaving one number blank. It is possible that the unnumbered bulletins on "The Olive in Cal.," issued in 1889, was intended to make up one of these numbers.

AGRICULTURE—cont'd

Horticultural Commissions and Boards—cont'd

STATE BOARD—cont'd

serial—cont'd

BULLETINS—cont'd

Checklist—cont'd

no. 67. Horticultural quarantine guardians, a revised list. 1894. 20 pp.

no. 67. Insect pests and remedies. Synopsis from rept. of Alex. Craw, quarantine officer and entomologist, for 1893. With latest approved formulas appended. 1894. 25 pp., iv pls.

This should be numbered no. 68.

no. 69. Transaction of State Bd. of Horticulture and repts. of officers, April 16-17, 1895. 1895. 13 pp.

no. 70. Protecting orchards agst. frost—How to prevent injury from frost, etc.; by W. H. Hammon. 1896. 28 pp.

no. 71. Insect pests and remedies. Latest approved formulas. 1900. 82 pp.

non-serial

1886. Comments on hortic. bd. library and cost of same. (Bienn. rept. bd. hortic. 1885/6: 436.)

1887. Efforts to secure additional help for state bd. of hortic. from legisl. futile. (*Same* 1885/6: 479-480.)

1890-1900. Rept. of exec. committee on examination of books and accts. of treasurer of property under control of bd., and amt. of work done. (A.R. *same* 1890 (pp. 18-20)—bienn. rept. *same* 1899/00.)

1892. Library catalogue, state bd. of hortic.; by B. L. Lelong, secy. 74 pp. (Hortic. bd.)

Not seen; entry from Bowker.

1901. Hortic. officers of Cal.; corrected to Nov. 1. 14 pp. (*Same.*)

Not seen; entry from Bowker.

EXPENDITURES FOR; see above, EXPENDITURES

LOCAL BOARDS

serial

County Boards

Authorized under Act of March 14, 1883. Appointed by co. supervisors.

1889-1903/4. Repts. of co. hortic. comns. (later called co. bds.).

In Documents as follows:

1889 in Ann. rept. bd. hortic. 1889: 477-501.
Alameda, Colusa, Humboldt, Kern, Los Angeles, Mendocino, Nevada, Sta. Barbara, San Bernardino, San Benito, San Joaquin, San Mateo, Sutter and Ventura co. boards reporting.

1890 in Ann. rept. bd. hortic. 1890: 475-495.
Los Angeles, Mendocino, Nevada, Orange, San Bernardino, San Joaquin, Sta. Barbara, Sonoma, Sutter, Tulare, and Yuba co. bds. reporting.

1891-1892 no returns.

1893/4 in Bienn. rept. bd. hortic. 1893/4: 355-384.
Alameda, Butte, Humboldt, Kern, Lake, Los Angeles, Mendocino, Monterey, Nevada, Orange, Placer, Riverside, San Benito, San Bernardino, San Diego, Sta. Barbara, Sta. Clara, Tehama, Tulare, Ventura, Yolo, and Yuba co. bds. reporting.

1895/6 in Bienn. rept. bd. hortic. 1895/6: 137-161.
Fresno, Los Angeles, Merced, Orange, Placer, Riverside, Sacramento, San Bernardino, San Diego, San Joaquin, Sta. Barbara, Sta. Clara, Stanislaus, Tehama, Ventura, and Yuba co. bds. reporting.

1897-1898 none published.

1899/00 in Bienn. rept. bd. hortic. 1899/00: 209-254.
Alameda, Contra Costa, Fresno, Humboldt, Kings, Lassen, Los Angeles, Madera, Orange, Placer, Riverside, Sacramento, San Bernardino, Sta. Barbara, Sta. Clara, Sta. Cruz, San Diego, Stanislaus, Tehama, Tulare, Ventura, Yolo, and Yuba co. bds. reporting.

1901/2 in Bienn. rept. bd. hortic. 1901/2: 213-239.
Alameda, Contra Costa, Fresno, Humboldt, Lassen, Madera, Monterey, Orange, Placer, Riverside, Sacramento, San Bernardino, San Diego, Sta. Barbara, Sta. Clara, Sta. Cruz, Stanislaus, Shasta, Tehama, Tulare, Ventura.

1903/4 in Bienn. rept. bd. hortic. 1903/4: 153-156.
Alameda, Fresno, Humboldt, Lassen, Los Angeles, Mendocino, Monterey, Orange, Placer, Riverside, Sacramento, San Bernardino, San Diego, Sta. Barbara, Sta. Clara, Sta. Cruz, Shasta, Stanislaus, Tehama, Tulare, Ventura, and Yuba co. bds. reporting.

AGRICULTURE—cont'd

Horticultural Commissions and Boards—cont'd

LOCAL BOARDS—cont'd

serial—cont'd

District Commissioners

Under Act of March 13, 1881.

1 DISTRICT

Sonoma District

Sonoma, Marin, Lake, Mendocino, Humboldt, Del Norte, Trinity, and Siskiyou.

1891. Ann. rept. of comrs.

In Documents as follows:

1891 in Ann. rept. bd. hortic. 1891: 40-45. White.

None other found.

2 DISTRICT

Napa District

Napa, Solano, and Contra Costa cos.

1885/6-1886/8. Ann. rept. of comrs.

In Documents as follows:

1885/6 in Bienn. rept. bd. hortic. comrs. 1885/6: 17-20. Boggs.

1886/8 in Bienn. rept. bd. hortic. comrs. 1886/8: 269-270. Boggs.

3 DISTRICT

San Francisco District

City and co. of S. F., San Mateo, Alameda, Sta. Clara, Sta. Cruz, San Benito, Monterey, Los Angeles, Ventura, Santa Barbara, San Luis Obispo, San Bernardino, and San Diego cos.

1881-1891. Ann. rept. of comrs.

In Documents as follows:

1881 in Ann. rept. bd. hortic. 1881: 65-88. Chapin.

1882-1890 no returns.

1891 in Ann. rept. bd. hortic. 1891: 38-39. Block.

4 DISTRICT

Los Angeles District

Los Angeles, Ventura, Santa Barbara, San Luis Obispo, San Bernardino, and San Diego cos.

1881. Ann. rept. of comrs.

In Documents as follows:

1881 in Ann. rept. bd. hortic. 1881: 90. White.

5 DISTRICT

Sacramento District

Sacramento, Yolo, Sutter, Colusa, Butte, Tehama, and Shasta cos.

1891. Ann. rept. of comrs.

In Documents as follows:

1891 in Ann. rept. bd. hortic. 1891: 45-51. Runyon.

6 DISTRICT

San Joaquin District

San Joaquin, Stanislaus, Merced, Fresno, Tulare, and Kern cos.

1886/8-1893/4. Ann. rept. of comrs.

In Documents as follows:

1886/8 in Bienn. rept. bd. hortic. 1886/8: 271-272. Robinson.

1889-1890 no returns.

1891 in Ann. rept. bd. hortic. 1891: 36-38. Thomas.

1890-1892 no returns.

1893/4 in Bienn. rept. bd. hortic. 1893/4: 69-75. Thomas.

7 DISTRICT

El Dorado District

El Dorado, Amador, Calaveras, Tuolumne, Mariposa, Placer, Nevada, Yuba, Sierra, Plumas, Lassen, Modoc, Alpine, Mono, Inyo cos.

1881. Ann. rept. of comrs.

In Documents as follows:

1881 in Ann. rept. bd. hortic. 1881: 22-24. Gillett.

None other found.

non-serial

1889. Repts. of San Bernardino and Tulare Co. hortic. comrs. 5 pp. (Bull, 52, bd. hortic.)

——. Rept. of Sutter Co. bd. of hortic. comrs. (Bull. 54(?), *same.*)

See notes under Bulletins, serial group, above.

1902. What hortic. comns. have done for Cal. (8 bienn. rept. bd. hortic. 1901/2: 360-365.)

AGRICULTURE—cont'd
Horticulture
CROPS; see above, that title
LAWS; see below, that title
Labor; see that title
Laws
1880. Legislation re. vitic. work. (Rept. of vitic. work agric. college 1883/5 (pp. 11-12)—*same* 1885/6.)
1880-1881. Acts re. vitic. (1 A.R. bd. vitic. comrs. rev. ed. 1880 (pp. 5-8)—2 *same* 1881.)
——. Acts to promote vitic. and hortic. industries. (1 A.R. hortic. comrs. 1882: 5-8.)
1881-1885. Laws re. hortic. (Bienn. rept. bd. hortic. 1885/6 (pp. 7-11)—A.R. *same* 1890.)
Not found in ann. rept. 1889.
1889. Compilation of laws to protect and promote hortic. interests of state. 28 pp. (Bull. 50(51?), bd. hortic.)
1889-1896. Hortic. laws of state; amdmt. to law allowing less than three members to co. comns. declared unconstitutional; courts decision re. same. (5 bienn. rept. bd. hortic. 1895/6: 1-6.)
1891. Compilation of laws to protect and promote agric. interests of the state; act as amended. 7 pp. (Bull. 59, bd. hortic.)
1901. Cal's. hortic. statutes with court decisions and legal opinions relating thereto. 57 pp. (*Same.*)
Livestock
1850. Review by committee on agric. of stock and grain raising prior to war, and uncertain protection of property rights resulting therefrom. (Legisl. jol. 1849/50: 654.)
1856-1865. Table of statistics of livestock and improvements, compiled from official repts. of co. assessors and surveyors. (A.R. surveyor gen. 1856 (foldg. table)—*same* 1865.)
1864. The present anomalous condition of general stock raising interest of state requires thorough revolution in whole farming system; greater degree of skill and scientific knowledge necessary, etc. (Trans. state agric. socy. 1864/5: 33-42.)
1879. The loco weed suggested as proper subject for state aid. (Bienn. rept. agric. college 1878/9: 71-72.)
1882. Livestock interests of the Pacific Coast. (Trans. state agric. socy. 1882: 204-218.)
1883. In opinion of bd. of agric., the only practical diversity to farming in great wheat-growing areas of Cal. relates to stock raising. (*Same* 1883: 17-19.)
1884. Table showing no. of each kind of livestock and average value by cos. (*Same* 1884: 209-210.)
——. The livestock interest of Cal. (*Same* 1884: 211-215.)
1888. Comment on livestock interest in state. (*Same* 1888: 20-21.)
1892. Comment on livestock interest of state: attempt to provide for formation of bureau of information and statistics in livestock being made before Congress indorsed; permanent establishment of large abattoirs in Cal. commended. (*Same* 1891: 17-19.)
1893-1894. Table showing no. and value of livestock by cos. (*Same* 1893 (pp. 154-156)—*same* 1894.)
1894. The ravages of the bacillus anthracis in Cal.; by C. L. Bard. 11 pp.
——. Same. (13 bienn. rept. bd. health 1892/4: 273-281.)
1895. Comment on cost of producing thoroughbred stock; principal thoroughbred stock farms in state. (Trans. state agric. socy. 1895: 26-27.)
1900/1. Stmt. of importations of livestock and packing house products over Southern Pacific and Santa Fe systems. (*Same* 1901: 163.)

AGRICULTURE—cont'd
Livestock—cont'd
1901-1904. Rept. of veterinary science and bacteriology. (Rept. agric. exper. stations 1901/3 (pp. 114-118)—*same* 1903/4.)
1902. Importance of selection in breeding animals; by L. Anderson of Univ. of Cal. (Trans. state agric. socy. 1901: 77-84.)
1903. Table showing no. and value of different kinds of livestock in Cal. (11 bienn. rept. labor statistics 1902/4: 114.)
CATTLE
1848-1849. Rapid decrease in no. of cattle in proportion to increase in population. (Govs. ann. mess. 1849.)
1850. Registration of cattle brands and ear-marks at co. seats urged by committee on agric. (Legisl. jol. 1849/50: 655.)
1854. Stmt. of no. of beef cattle brought into state through various passes, and no. in 15 cos. (Govs. ann. mess. 1855: 25.)
1881. Short-horn breeding in Cal.; by Col. C. Younger. (Trans. state agric. socy. 1881: 214-219.)
1883. Table showing no. of milch cows, oxen, and other cattle in each co. and average price according to age. (*Same* 1883: 202-203.)
1893. Investigation of cattle foods of Cal. 7 pp. (Agric. exper. station, bull. 100.)
1898-1904. Animal industry and dairy husbandry. (Rept. agric. exper. station 1898/01 pt. 2 (pp. 308-315)—*same* 1903/4.)
1899. Letters giving statistics re. herds of dairy cows. (Trans. state agric. socy. 1899: 38-45.)
——. Condition of beef cattle industry in Cal. (*Same* 1899: 27-29.)
1900. The breeding of beef cattle; by Jas. Whittaker, of Galt. (*Same* 1900: 96-97.)
——. Animal and dairy industries in Cal.; by L. Anderson. (*Same* 1900: 112-124.)
DISEASES; see below, INSPECTION
FENCE LAW; see above, that title
GOAT
1866. Cashmere goats in Cal. (Trans. state agric. socy. 1864/5: 304-305.)
1899. Comment on Angora goat industry, in state. (*Same* 1899: 32-33.)
HOG; see below, SWINE
HORSE
1850. Stock raising discouraged by prevalence of horse stealing, as facilitated by ready sales and increased prices offered for horses; with suggestion for enactment of Stray Laws in prevention of same reported by committee on agric. (Legisl. jol. 1849/50: 655.)
1855-1890. History of the horse life of Cal's. most successful breeder, J. C. Simpson. (Trans. state agric. socy. 1890: 253-278.)
1864-1901. Tabular stmt. of trials of speed at state fair, and premiums awarded to horses. (*Same* 1864 (pp. 22-28)—*same* 1901.)
1880-1891. Comment on increase in value of horses in Cal. since 1880; prices brought by thoroughbreds during past yr. (*Same* 1891: 25-27.)
1881-1889. Rept. of races at ann. agric. fair. (*Same* 1881 (pp. 113-127)—*same* 1889.)
1883. As outcome of livestock exhibits of socy. fair, the demand for Cal.-bred horses and improved cattle is greater than supply; "Norman" and "Percheron" and numerous other classes of horses now bred to great extent; ledger acct. of races at ann. fair. (*Same* 1882: 9-10.)
——. Table showing no. of horses in each co. and average price according to age. (*Same* 1883: 200.)
——. See also Crops; this date.

AGRICULTURE—cont'd
Livestock—cont'd
HORSE—cont'd
1885. Adaptation of Cal. for stock breeding; eastern breeders of thorough-bred horses negotiating for purchase of farms in state. (Trans. state agric. socy. 1885: 14-16.)
1890. Conditions of State Fair Futurity Stake to be offered by bd. of agric. (*Same* 1890: 43.)
——. Comment on growth of livestock interest in state; public sales in N. Y. alone of Cal.-bred yearlings and 2-yr.-old trotters aggregated over one-half million dollars during season; ann. sales arranged to be held there. (*Same* 1890: 18-19.)
1899. Horses in Cal. (*Same* 1899: 24-26.)
1900. State fair speed programme. 55 pp. 16°.
Not seen; entry from Bowker.
INSPECTION
1865. Legislative action to protect cattle of state from cattle plague, called by Germans rinderpest, advised. (Trans. state agric. socy. 1864/5: 65-66.)
1867. Legislation needed to prevent introduction of Texas fever among cattle of state, suggested legislation re. branding cattle. (*Same* 1866/7: 10-11.)
1886. Hog cholera; by R. J. Dawson, V. S., San Francisco. (*Same* 1886: 234-236.)
1886/8. Rept. on contagious diseases among cattle existing in some parts of state; with letter of Dr. Herrick suppl. to his rept. on yellow fever, re. making inquiry into question of cattle diseases in Cal. appended. (10 bienn. rept. bd. health 1886/8: 71-75.)
1887. Correspondence with U. S. Dept. of Agric. re. suppression of pleuro-pneumonia among cattle; N. Y. legislation re. same. (Trans. state agric. socy. 1887: 224-230.)
1887-1888. Advising passage necessary quarantine restrictions by legisl. on all importations of livestock. (*Same* 1887 (p. 21)—*same* 1888.)
1888. Rept. of inspector of cattle disease in Southern Cal. (11 bienn. rept. bd. health 1888/90: 91-98.)
——. Rept. on cattle diseases prevalent in state; by Dr. Thos. Bowhill, M. R. C. V. S. (Trans. state agric. socy. 1888: 228-234.)
189(?). Texas fever; by C. H. Blemer. 11 pp. (State veterinarian.)
Not seen; entry from Bowker.
1891. Recommending passage of stringent laws for suppression of contagious diseases among livestock. (Trans. state agric. socy. 1891: 27-28.)
1894. Paper on subject of ravages of bacillus anthracis in Cal.; by C. L. Bard. (13 bienn. rept. bd. health 1892/4: 273-281.)
1899. Comment on Texas or splenetic fever and its control. (Trans. state agric. socy. 1899: 29.)
——. Petition praying for change in laws re. quarantine agst. diseases among domestic animals. (Sen. jol. 33 sess. p. 519.)
——. Veto of act to provide for inspection of dairies, etc., and to prevent sale of milk drawn from diseased animals, etc. (*Same* 33 sess. pp. 1053-1054.)
1901. Sheep scab; its nature and treatment. 31 pp. (State veterinarian.)
Repr. from Bull. 21, U. S. Bureau Animal Industry.
Not seen; entry from Bowker.
——. Contagious and infectious diseases in animals in Cal.; by Dr. C. H. Blemer. (Trans. state agric. socy. 1901: 112-123.)
MULES
1883. Table showing no. of mules in each co. and average price according to age. (Trans. state agric. socy. 1883: 201.)
QUARANTINE; see above, INSPECTION

AGRICULTURE—cont'd
Livestock—cont'd
SHEEP
1863. Prize essay on sheep husbandry in Cal. (Trans. state agric. socy. 1863: 134-145.)
1865. Sheep husbandry and dogs in Cal.; legislation to protect this kind of property from such destruction advised. (*Same* 1864/5: 63-65.)
1874. Sheep raising in Cal.; practical directions for breeding and handling sheep in Cal. with reference to direct profit; sheep work for each mo. (*Same* 1874: 449-476; 563-569.)
1883. Table showing no. of sheep in each co., average price per head under and over one yr., and no. killed by dogs. (*Same* 1883: 204.)
1891. Causes for depression in sheep husbandry in state; protective legislation recommended agst. "scab." (*Same* 1891: 20-22.)
1892. Brief sketch of importation of broad-tailed sheep of Persia. (A.R. agric. exper. station 1891/2: 202-203.)
STATE VETERINARIAN
See also below, Receipts and Expenditures.
serial
1901/2. Rept. of state veterinarian.
In Collected docs. as follows:
1901/2 in App. to jols. 35 sess. v. 2 doc. 17.
No more issued.
non-serial
1902. State veterinarian act became law under constitutional provision, without govs. approval, Mch. 18, 1899. (Rept. dairy bureau 1900/2: 53-55.)
STATE VETERINARY MEDICAL BOARD
See also above, Expenditures.
serial
Under act of March 28, 1893.
1893/4-1899/02. Bienn. rept. of state veterinary medical bd., 1-[4].
In Collected docs. as follows:
1. 1893/4 in App. to jols. 31 sess. v. 6 unnum. doc.
2. 1894/6 in App to jols. 32 sess. v. 6 doc. [2].
3. 1896/8 in App. to jols. 33 sess. v. 1 doc. [11].
unnum. 1899/1902 in App. to jols. 35 sess. v. 2 doc. 18.
non-serial
1899. Rept. on state veterinary medical bd. (Rept. of committee to make examination of state institutions 1899: 177-178.)
——. Same in App. to jols. 33 sess. v. 2.
SWINE
1874. Hogs vs. wheat. (Trans. state agric. socy. 1874: 345-346.)
1883. Table showing no. of hogs in each co. and average price over and under one yr. (*Same* 1883: 205.)
1893. Hog raising in Cal. (*Same* 1893: 17-19.)
1901. The growing of swine; by C. H. Sessions, of Los Angeles. (*Same* 1901: 89-90.)
Poultry-Raising
1889. Lack of interest in poultry industry in state—over one hundred and fifty carloads of dressed poultry imported into Cal. ann. (Trans. state agric. socy. 1889: 20-22.)
1899. Comment on poultry business in state. (*Same* 1899: 33.)
1900. Poultry culture; by H. Berrar, of San Jose. (*Same* 1900: 80-84.)
1901. Poultry culture and its advantages in Cal.; by H. Berrar. (*Same* 1901: 91-99.)
——. Raising poultry in San Joaquin Valley; by G. Andrews. (*Same* 1901: 100-103.)
1904. Rept. of committee on the poultry exper. station. (A.R. agric. exper. station 1903/4: 89-90.)

AGRICULTURE—cont'd

Premiums

See also above, Bounty.

1858. Repts. of committees of award. (Trans. state agric. socy. 1858: 118-149.)

1858-1901. List of premiums awarded at state fair. (*Same* 1858 (pp. 150-165)—*same* 1901.)

1859. Newspaper rept. of the state fair, which recd. award for first premium. (*Same* 1859: 364-480.)

1863. Suggestion for increase and no. of premiums at the ann. fair; that legisl. require, by enactment, distr. and co. assessors to make, under oath, agric. and other statistical repts. to this dept. and prohibit payment of salary until this duty be faithfully performed. (*Same* 1863: 22-24.)

——. Entry of articles and premiums awarded under state bounty law. (*Same* 1863: 61-63.)

1865. Circular sent out by bd. of agric. re. premium to be offered for best statistical and descriptive rept. of co. assessors. (*Same* 1864/5: 222-223.)

1867-1871. Repts. of committees of award. (*Same* 1866/7 (pp. 159-175)—*same* 1870/1.)

1878. Table showing amts. appropriated to the various distr. and co. socys., amt. drawn, and amt. of premiums paid by each. (*Same* 1878: 14.)

1880-1894. Comparative table showing amt. of cash premiums of the socy. (*Same* 1894: 30.)

1892-1901. Premium list of 39th-47th ann. fair at Sacramento, 1892-1896, 1899-1901. 16°.

Not seen; entry from Bowker.

Horses

1864-1901. See above, Livestock. Horses; these dates.

Seed and Plant Distribution

serial

1 series

A

1883-1886. Distribution of plants. 1 sheet.

Checklist

1883 Univ. of Cal. Exper. Station, bulls. 2, 5.
" Bienn. rept. agric. college 1883/4: 104-109.
1884 Univ. of Cal. Exper. Station, bull. 29.
" Bienn. rept. agric. college 1883/4: 104-109.
1885 Univ. of Cal. Exper. Station, bull. 50.
" Bienn. rept. agric. college 1885/6: 160-162.
1886 Univ. of Cal. Exper. Station, bull. 62.

B

1884-1886. Distribution of seeds. 1 sheet.

Checklist

1884 Univ. of Cal. Exper. Station, bull. 22.
" Bienn. rept. agric. college 1883/4: 106-107.
1885 Univ. of Cal. Exper. Station, bull. 47.
" Bienn. rept. agric. college 1883/4: 158-160.
1886 " " " " 1883/4: bull. 61.

2 series

1887-1897. Distribution of plants and seeds.

Checklist

1887 Univ. of Cal. Exper. Station, bulls. 68, 76. 2 sheets.
1888 " " " " " bull. 81. 3 pp.
1889 " " " " " bull. 84. 4 pp.
1890 " " " " " bull. 89. 4 pp.
1891 " " " " " bull. 95. 4 pp.
1892 " " " " " bull. 98. 4 pp.
1893 " " " " " bull. 103. 4 pp.
1894 " " " " " bull. 106. 8 pp.
1895 " " " " " bull. 109. 16 pp.
1896 " " " " " bull. 112. 8 pp.
1897 " " " " " bull. 118. 8 pp.

3 series

A

1899-1902. Distribution of seeds and plants; unnum. circulars.

None seen; title taken from Rept. agric. exper. station 1898/01: 16.

B

1899-1900. Exchange seed-list.

No. 5, 1900, only no. seen.

AGRICULTURE—cont'd

Seed and Plant Distribution—cont'd

non-serial

1890-1904. Repts. from misc. plants sent out from central station. (A.R. agric. exper. station 1890 (pp. 221-236)—*same* 1901/3.)

Not found in 1891/2.

1897-1904. Plants sent for identification and opinion as to their economic value. (*Same* 1897/8 (pp. 256-261)—*same* 1903/4.)

Expenditures for; see above, Expenditures

Soils

1876/7. Analyses of soils on Univ. grounds. (Bienn. rept. agric. college 1876/7: 36-43.)

1876/7-1902/3. Analyses of soils. (*Same* 1876/7 (pp. 31-49)—Agric. exper. station *same* 1901/3.)

1877. Concerning industrial survey, transmission of soil specimens, etc.; by E. W. Hilgard. Apr., 1877. 5 (1) pp. (Bull, 26, Univ. of Cal.)

1879. List of Cal. soils in collection of agric. dept., Univ. of Cal., arranged by cos. (Bienn. rept. agric. college 1878/9: 39-46.)

1880. Mechanical analysis of soil no. 168 from Ventura Co. re. capacity for raising moisture from great depths. (A.R. *same* 1880: 34.)

1881/2. Physical soil examinations; tilling qualities, how determined; moisture absorption; abstr. of Mr. L. Fisher's thesis on subject. (Bienn. rept. *same* 1881/2: 51-54.)

——. Table giving mechanical analyses of Cal. soils and subsoils. (*Same* 1881/2: foldg. table.)

1881/2-1894/5. Investigation and analyses of soils in following regions: Sacramento and San Joaquin valleys, foothills of the Sierra, southern or Los Angeles region, coast region north and south of San Pablo Bay. (*Same* 1881/2 (pp. 19-51)—A.R. *same* 1894/5.)

1881/2-1902/3. General table giving analyses of Cal. soils and subsoils arranged by soil regions. (*Same* 1881/2 (foldg. table)—Agric. exper. station *same* 1901/3.)

Not found in ann. rept. 1894/5.

1884. Results of examinations by agric. dept. of Univ. of soils from Northern Coast Range region, and various upland soils; also of tule, marsh, and alkali lands, and soils of Southern Cal. (Trans. state agric. socy. 1884: 183-199.)

——. Examination of various upland soils. 1 sheet (Agric. exper. station, bull. 30.)

——. Examination of tule, marsh, and alkali soils; by Hilgard. 1 sheet. (*Same*, bull. 28.)

——. Examination of soils from Northern Coast Range region; by Hilgard. 1 sheet. (*Same*, bull. 27.)

——. Examination of grape-growing soils; by Hilgard. 1 sheet. (*Same*, bull. 24.)

——. Examination of Alameda Co. vineyard soils. 1 sheet. (*Same*, bull. 25.)

——. Examination of soils from Southern Cal.; by Hilgard. 1 sheet. (*Same*, bull. 15.)

——. Examination of soils; by Hilgard. 1 sheet. (*Same*, bull. 10.)

——. Concerning industrial survey, transmission of soil specimens, etc.; by E. W. Hilgard. rev. Jan., 1884. 7 pp.

Revision of Bull. 26, Univ. of Cal. see above, 1877.

1885. Examination of soils and subsoils; by Hilgard. 1 sheet. (Agric. exper. station, bull. 36.)

——. Examination of soils and waters; by Hilgard. 1 sheet. (*Same*, bull. 33.)

——. Examination of soils from Bay region; by Hilgard. 1 sheet. (*Same*, bull. 49.)

AGRICULTURE—cont'd
Soils—cont'd
1889. Table giving analyses of soils of Foothill Exper. Station. (Bienn. rept. agric. exper. station 1888/9: 81.)
——. Table giving analyses of soils of southern foothills in Tuolumne, Mariposa, and Merced cos. (*Same*, 1888/9: 77.)
——. Analyses of soils of sec. along Central Pacific R.R., in Placer Co. (*Same*, 1888/9: 74.)
——. Analyses of soils of gravel plains and "Bedrock Lands" in Foothill Region, by cos. (*Same* 1888/9: 61.)
——. General feature of Foothill Region; occurrence of several soils; descriptions and analyses of soils of sections across foothills and of station tract. (*Same* 1888/9: 54-85.)
——. Soil investigation; its methods and results. (*Same* 151-172.)
——. Table giving location, depth, characteristic vegetation, and analyses of soils in regions represented by the several exper. stations. (*Same* 1889 facing p. 148.)
1891/2. Mechanical analyses of soils. (A.R. agric. exper. stations 1891/2: 41-48.)
——. Determination of organic nitrogen in soils. (*Same* 1891/2: 48-49.)
1892. The methods of physical and chemical soil analyses. (*Same* 1891/2: 241-257.)
1892/4. Investigations in soil physics; mechanical composition of soils re. moisture and water movements; influence of soil composition upon hygroscopic moisture; capacity of soils for holding water; capillary rise of water in soils. (Bienn. rept. agric. exper. stations 1892/4: 70-100.)
——. Table giving mechanical analyses of Cal. soils and subsoils by character, regions, locality, and co. foldg. table. (*Same* 1892/4.)
1893. Fruits and soils of the arid region. (4 bienn. rept. bd. hortic. 1893/4: 303-312.)
1894. On the digestion of soils for analyses; comparison of hydrochloric and oxalic acid in soil extraction. (Bienn. rept. agric. exper. stations 1892/4: 61-65.)
——. Analysis of two Ky. blue-grass soils. (A.R. *same* 1892/4: 65-66.)
——. On nitrogen contents of soil humus in arid and humid regions. (Bienn. rept. *same* 1892/4: 66-70.)
——. Table giving average composition of soils in humid and arid regions of U. S. by states. (*Same* 1892/4: 119.)
——. Relations of soils to climate; the processes of soil formation; influence of climatic conditions upon physical character; comparison of soils from arid and humid regions of U. S.; alkali lands of arid regions. (*Same* 1892/4: 100-139.)
1894/5. Examination and analyses of Hollister Valley and Perris Valley soils; also waters of Perris Valley. (A.R. *same* 1894/5: 13-23.)
1895. Table giving amt. of soil ingredients withdrawn by various crops—grapes, oranges, wheat, cotton, etc. (*Same* 1894/5: 124-125.)
——. Supply of soil nitrogen; by E. W. Hilgard. (*Same* 1895: 32-35.)
——. Late progress in soil examination; tables giving soil analyses of Cal. and Hawaiian Islands soils; by E. W. Hilgard. (*Same* 1894/5: 23-32.)
——. Investigation of *matière noire*, or humus; by M. E. Jaffa. (*Same* 1894/5: 35-36.)
1897/8. Analyses and discussion of soils of East Highlands, San Bernardino Co. (*Same* 1897/8: 36-40.)
——. Same; of Sta. Maria and Sisquoc Valleys and Nipomo Mesa. (*Same* 1897/8: 33-36.)

AGRICULTURE—cont'd
Soils—cont'd
1898. Conservation of soil moisture and economy in use of irrigating water; by Hilgard and Loughridge. 12 pp. (Agric. exper. station, bull. 121.)
——. Moisture in Cal. soils during dry season; record of moisture determinations in uncultivated lands, in grain lands, in saltbush, hairy vetch, sugar-beets, etc., in vineyard lands, in orchard soils; general summary of results. (A.R. agric. exper. stations 1897/8: 65-96.)
1898-1901. Mechanical and chemical analyses of soils: volcanic ash soil from near Placerville, soils of Potter Valley, valley and mesa lands of San Gorgonio Pass. (Repts. *same* 1898/01 pt. 2: 172-184.)
1901. A laboratory study of the percolation of water through soils; by A. V. Stubenrauch. (*Same* 1898/01 pt. 2: 153-172.)
——. Investigation of soil sediments, as formed under arid conditions, re. their plant-food value; by L. M. Tolman. (*Same* 1898/01 pt. 1: 33-42.)
1901-1903. Chemical and mechanical examination and analyses of soils: northeastern lava-bed region, coast range region, Southern Cal. (*Same* 1901/3: 23-31.)
——. Table giving mechanical composition of Cal. soils by name, locality, and co. (*Same* 1901/3: 33.)
1903. Methods of physical and chemical soil analysis; E. W. Hilgard. 23 pp. (Circular 6, agric. exper. station.)
1903/4. Summary of work of division of soils. (A.R. agric. exper. stations 1903/4: 28-34.)
ALKALI
1871. Alkali soils; practical mode of neutralizing or extracting alkali from soil. (Trans. state agric. socy. 1870/1: 442-443; 475-477.)
1876/7-1880. Analyses of alkali soils. (Bienn. rept. agric. college 1876/7 (p. 43)—A.R. *same* 1880.)
1877-1903. Publications on alkali lands and their reclamation by Cal. Exper. Station and by E. W. Hilgard, with pagings when found in repts. (Rept. agric. exper. stations 1901/3: 38-39.)
1880. Alkali soils and irrigation waters of San Joaquin Valley. (A.R. agric. college 1880: 12-22.)
[1889.] Rise of alkali in San Joaquin Valley; by Hilgard. 4 pp. (Agric. exper. station, bull. 83.)
——. Same. (Bienn. rept. agric. exper. station 1888/9: 138-148.)
1890. Alkali; its nature, causes, and repression. (A.R. *same* 1890: 87-96.)
1890-1903. Analyses of alkali soils. (*Same* 1890 (pp. 96-99)—*same* 1901/3.)
1891/2. Alkali; reclamation test with gypsum at exper. station near Tulare. (*Same* 1891/2 (pp. 80-90)—*same* bienn. rept. 1892/4.)
1892/4. Table showing composition of alkali in different states. (Bienn. rept. *same* 1892/4.)
——. Alkali and alkali soils; amt. and kind of soluble salts present in different portions of an alkali spot, from the center to circumference. (*Same* 1892/4: 140-145.)
1895. Distribution of salts in alkali soils; by Hilgard and Loughbridge. 14 pp. (Agric. exper. station, bull. 108.)
——. The distribution of salts in alkali soils; effects of rainfall, irrigation, and application of gypsum, with analyses under the different conditions; Australian salt-bush on alkali soil; black and white alkali, etc. (A.R. agric. exper. station 1894/5: 37-69.)
1895-1897. Tables giving results of analyses of alkali soils in plots of 10-acre tract, Southern Cal. exper. station not heretofore analyzed with average composition of alkali salts in entire tract. (Bienn. rept. *same* 1895/7: 47-48.)

AGRICULTURE—cont'd

Soils—cont'd

ALKALI—cont'd

1895/6. Alkali soils of Tulare Exper. Station; tables giving leachings of soil where grapevines lived, where they barely lived, and where they died. (*Same* 1895/7: 41-46.)

1897. Tables showing tolerance of various crops for alkali, with comments—grasses, legumes, beets, etc. (*Same* 1895/7: 48-51.)

——. Causes of so-called failure of gypsum in correcting evil of alkali soils. (*Same* 1895/7: 38-41.)

1898-1901. Investigation and analyses of alkali soils from Elsinore Valley, Tulare substation, and from Southern Cal. station to show effect of drouth on rise of alkali salts. (Rept. *same* 1898/01 pt. 2: 190-194.)

1901. Tolerance of alkali by various cultures; by Loughridge. 43 pp. (Agric. exper. station, bull. 133.)

1902. Cultural treatment of arid and alkali soils; by E. W. Hilgard. (8 bienn. rept. bd. hortic. 1901/2: 415-422.)

FERTILIZATION

1884. Examination of fertilizing materials and soils. 1 sheet. (Agric. exper. station, bull. 8.)

1890. Chemical fertilization; fertilizing and fertilizers; how to compound formulas; commercial fertilizer of modern origin. (A.R. bd. hortic. 1890: 290-304.)

——. Composition of ramie plant; fertilizing value of greasewood. 8 ppp. (Agric. exper. station, bull. 94.)

——. Same. (A.R. agric. exper. station 1890: 141-143; 181-190.)

——. Use of fertilizers in Cal. 4 pp. (Agric. exper. station, bull. 88.)

——. Same. (A.R. agric. exper. station 1890: 134-140.)

1892. Crops and fertilizers, with reference to Cal. soil and practice; by E. W. Hilgard. 16 pp. (Bull. 61, bd. hortic.)

1893. Fertilization in relation to irrigation. (4 bienn. rept. bd. hortic. 1893/4: 315-318.)

1894. Crops and fertilizers, with reference to Cal. soils and practice; table giving amt. of soil ingredients withdrawn by various crops; how to prevent exhaustion of soil. (Bienn. rept. agric. exper. stations 1892/4: 200-213.)

1895. Improvement and fertilization of land; naturally faulty lands, and their correction; crops for green-manuring; the fertilization of land; by E. W. Hilgard. (A.R. *same* 1894/5: 114-135.)

1899. On fertilizing grain lands in state. (Trans. state agric. socy. 1899: 7-8.)

Viniculture; see Industries, etc. Liquor

Viticultural Board

serial

A

1883/4-1887/93. Rept. of the vitic. work [of the College of Agric. Exper. Station]. Sacramento, 1886-1896.

Checklist

1883/4 and 1884/5. Univ. of Cal. College of agric. Rept. of viticultural work during the seasons of 1883/4 and 1884/5, being app. iv to the rept. for 1884. With notes regarding the vintage of 1885-1886. By E. W. Hilgard. 1886. 210 pp.

1885/6. Same, during the seasons 1885 and 1886. Being app. vi to the rept. for 1886. By E. W. Hilgard. 1886. 186 pp.

1887/9. Same, during the seasons 1887-1889, with data regarding the vintage of 1890. Part 1. Redwine grapes. Prepared under the direction of E. W. Hilgard by L. Paparelli. Being a part of the rept. of the regents of the Univ. 1892. 345 pp.

AGRICULTURE—cont'd

Viticultural Board—cont'd

serial—cont'd

A—cont'd

Checklist—cont'd

1887/93. Same, during the seasons 1887-1893, with data regarding the vintages of 1894-1895. Being a part of the rept. of the regents of the Univ. 1896. vii (1), 466 pp.

In Collected docs. as follows:
1883/4-1887/9 omitted.
1887/93 in App. to jols. 32 sess. v. 4 [doc. 4].

B

Under Acts of April 15, 1880 and March 4, 1881.

1880-1893/4. Ann. rept. of bd. of state vitic. comrs., 1[-5]. San Francisco, Sacramento, 1881-1894.

Checklist

1. 1880 ed. 1, San Francisco, 1881. 91 pp. foldg. sheets.
1. 1880 ed. 2, rev. Sacr., 1881. 192 pp., foldg. sheets.
2. [1881/2] Sacr., 1882. 79 pp.
3. 1882/4.

"The third ann. rept. of the comn. is contained in the second ann. rept. of the Chief Executive Viticultural Officer and covers the years 1882, 1883 and 1884." (Ann. rept. vitic. comrs. 1887: 11.) As worded, this statement is misleading. There is no division of the Viticultural Officer's rept. referred to specifically occupied with the rept. of the viticultural comn. What it was intended to say was probably, that the rept. of the Viticultural Officer would be submitted also as the comn's. rept.

unnum. 1887. Sacr., 1888. 144 pp.
" 1889/90. Sacr., 1890. 206 (1) pp. illus.
" 1891/2. Sacr., 1892. 279 pp. with app. A-H.
——. App. A. Brandy distillation. 1892. 125 pp.
——. App. B-E are part of body of rept.
" 1893/4. Sacr., 1894. 208 pp. with app. A-F.
——. App. A. Grape syrup. 1893. 15 pp. fig.
——. App. B. By Charles A. Wetmore. 92 pp. tables.
pt. 1. Treatise concerning principles governing production of distinct types of wines in Europe and in Cal.
pt. 2. Cal. wines at World's Columbian Exposition.
pt. 3. Questions pertaining to tariff and internal revenue.
pt. 4. Analyses of Cal. wines.
——. C-F are part of body of rept.

In Collected docs. as follows:

1. 1880	in App. to jols.	24	sess.	v. 2.
2. [1881/2]	"	"	"	"	25	"	v. 4.
unnum. 1887	"	"	"	"	28	"	v. 5.
" 1889/90	"	"	"	"	29	"	v. 6.
" 1891/2	"	"	"	"	30	"	v. 5.
" 1893/4	"	"	"	"	31	"	v. 5.

Comn. discontinued. By legisl. act of 1895 property and duties of bd. were transferred to Univ. of Cal.

C

1881-1887. Ann. rept. of chief vitic. officer to bd. of state vitic. comrs., 1-2 et seq. Sacramento, 1882-1884.

Checklist

1. 1881. 1882. 174 pp., folded sheets.
2. 1882/3-1883/4. 1884. 184 pp., folded sheets.
——. App. 1. Chaintre system of pruning and conducting the vine. 1883. 67 pp.
——. App. 2. Practical manual of pruning as practiced near Bordeaux. 1883. 61 pp.
——. App. 3. Different methods of grafting the vine. 1883. 62 pp.
——. App. 4-5. See note under rept. for 1888.

unnum. 1887. In ann. rept. bd. state viticultural comrs. 1887: 78-129.
——. App. 1. Oidium (tuckeri) and the use of sulphur. pp. 90-96.
——. App. 2. The pure wine bill. pp. 97-102.
——. App. 3. Bleaching seedless Sultana raisins. pp. 103-106.
——. App. 4. How to avoid and correct imperfect fermentation. pp. 107-112.
——. App. 5. Viticulture in the south of France. pp. 113-118.
——. App. 6. Researches on the electrification of wine. pp. 119-125.

AGRICULTURE—cont'd
Viticultural Board—cont'd
serial—cont'd
C—cont'd
Checklist—cont'd
unnum. 1888. No rept. per se issued.
——. App. 4. Grafting to muscats. 1888. 13 pp.
——. App. 5. Wines, their care and treatment in cellar and store, together with a short treatise on vinification. 1889. 148 pp.
In opinion of compiler above app. 4 and 5 are belated parts of 2d rept. and the wording of the t. p. "Ann. rept. for yr. 1888" a mis-nomer.
In Collected docs. as follows:
1. 1881 omitted.
2. 1882/3-1883/4 in App. to jols. 26 sess. v. 5 unnum. doc.
With appendices 1-3.
1889 in Ann. rept. vitic. comrs. 1889: 31-36.
1891/2 " " " " " " 1891/2: 18-27.
1892/3 " " " " " " 1892/3: 22-27.

ELDORADO DISTRICT
El Dorado, Amador, Calaveras, Tuolumne, Mariposa, Placer, Nevada, Yuba, Sierra, Plumas, Lassen, Modoc, Alpine, Mono and Inyo.
1880-1894. Ann. rept. of distr. comr.
In Documents as follows:
1880 in Ann. rept. vitic. comrs. 1881: 29-30. Blanchard.
1881-1888 no repts. made.
1889 in Ann. rept. vitic. comrs. 1889: 54-56. Blanchard.
1890-1893 no repts. made.
1894 in Ann. rept. vitic. comrs. 1893/4: 33. Towle.

LOS ANGELES DISTRICT
Los Angeles, Ventura, Santa Barbara, San Bernardino, and San Luis Obispo cos.
1880-1894. Ann. rept. of distr. comr.
In Documents as follows:
1880 in Ann. rept. vitic. comrs. 1881: 40-43. Rose.
1881 " " " " " " 1882: 61-62. Rose.
1882-1886 no repts. made.
1887 in Ann. rept. vitic. comrs. 1887: 57-59. Rose.
1888-1890 no repts. made.
1891/2 in Ann. repts. vitic. comrs. 1893/4: 51-54. Bischowsky.
1893 in Ann. repts. vitic. comrs. 1893/4: 45-50. Bischowsky.
1894 in Ann. repts. vitic. comrs. 1893/4: 31-33. Bischowsky.

NAPA DISTRICT
Napa, Solano and Contra Costa cos.
1880-1894. Ann. rept. of distr. comr.
In Documents as follows:
1880 in Ann. rept. vitic. comrs. 1881: 73-74. Krug.
1881 " " " " " " 1882: 43-45. Krug.
1882-1886 no repts. made.
1887 in Ann. rept. vitic. comrs. 1887: 43-50. Krug.
1888 no rept. made.
1889 in Ann. rept. vitic. comrs. 1889: 48-50. Priber.
1890 no rept. made.
1891/2 in Ann. rept. vitic. comrs. 1891/2: 55-60. Priber.
1893 no rept. made.
1894 in Ann. rept. vitic. comrs. 1893/4: 28-30. Crabb.

SACRAMENTO DISTRICT
Sacramento, Yolo, Sutter, Colusa, Butte, Tehama and Shasta cos.
1880-1894. Ann. rept. of the distr. comr.
In Documents as follows:
1880 in Ann. rept. vitic. comrs. 1881: 31-33. Blowers.
1881 " " " " " " 1882: 52-53. Blowers.
1882-1893 no repts. made.
1894 in Ann. rept. vitic. comrs. 1894: 34. Stephens.

SAN FRANCISCO DISTRICT
City and co. of San Francisco, San Mateo, Alameda, Santa Clara, Santa Cruz, San Benito and Monterey cos.
1880-1893. Ann. rept. of the distr. comr.
In Documents as follows:
1880 in Ann. rept. vitic. comrs. 1881: 21-23. Haraszthy.
1881 in Ann. rept. vitic. comrs. 1882: 46-51. Haraszthy.
1882-1888 no repts. made.
1889 in Ann. rept. vitic. comrs. 1889: 51-53. Bundschu.
1890-1892 no repts. made.
1893 in Ann. rept. vitic comrs. 1893/4: 36-40. Bundschu.

AGRICULTURE—cont'd
Viticultural Board—cont'd
serial—cont'd
SAN JOAQUIN DISTRICT
San Joaquin, Stanislaus, Merced, Fresno, Tulare and Kern.
1880-1894. Ann. rept. of the distr. comr.
In Documents as follows:
1880 in Ann. rept. vitic. comrs. 1881: 24-28. West.
1881 " " " " " " 1882: 54-60. West.
1882-1886 no repts. made.
1887 in Ann. rept. vitic. comrs. 1887: 54-56. West.
1888-1890 no repts. made.
1891/2 in Ann. rept. vitic. comrs. 1891/2: 44-54. West.
1893 no repts. made.
1894 in Ann. rept. vitic. comrs. 1894: 30-31. West.

SONOMA DISTRICT
Sonoma, Marin, Lake, Mendocino, Humboldt, Del Norte, Trinity and Siskiyou cos.
1880-1894. Ann. rept. of the distr. comr.
In Documents as follows:
1880 in Ann. rept. vitic. comrs. 1881: 19-20. De Turk.
1881-1886 no repts. made.
1887 in Ann. rept. vitic. comrs. 1887: 51-53. De Turk.
1888 no rept. made.
1889 in Ann. rept. vitic. comrs. 1889: 44-47. De Turk.
1890 no rept. made.
1891/2 in Ann. rept. vitic. comrs. 1891/2: 42-44. De Turk.
1893 in Ann. rept. vitic. comrs. 1893/4: 40-44. De Turk.
1894 in Ann. rept. vitic. comrs. 1893/4: 34-35. De Turk.
EXPENDITURES FOR; see above, EXPENDITURES
Viticulture
BIBLIOGRAPHY; see above, that title
CONVENTIONS; see above, that title
CROP; see above, CROPS. GRAPE
EXHIBITS; see INDUSTRIES, ETC. LIQUOR
No distinction is made by Cal. in her repts. between her viticultural and vinicultural interests. Both are comprised within the repts. of the vitic. comrs. Wherever possible the distinction has been made in this index, but it is advisable that persons interested in either the culture of the grape in Cal. or in the wine industry of Cal., should use both groups of material.

ALAMEDA
Climate; see that title
Water Supply; see that title

ALAMEDA COUNTY (1853)
Artesian Wells; see Natural Resources
Assessors; see Taxation: State
Clay in; see Natural Resources. Mineral
Coal Mining
1892/4-1894/6. See Natural Resources. Mineral. Coal; these dates.
Horticultural Board; see Agriculture Horticultural Commission
Iron Mining
1892/4-1894/6. See Natural Resources. Mineral. Iron; these dates.
Manganese Mining
1892/4-1894/6. See Natural Resources. Mineral. Manganese; these dates.
Mineral Springs in; see Natural Resources
Minerals; see Natural Resources
Mines
1889/90-1890/2. See Industries. Mines; these dates.
Mining and Irrigating Canals
1894/6. See Industries, etc. Mining Canals, etc.; these dates.
Petroleum in; see Natural Resources. Mineral
Quicksilver in; see Natural Resources. Mineral
Salt in; see Natural Resources. Mineral

ALAMEDA COUNTY (1853)—cont'd
San Antonio Creek
NAVIGATION; see RIVER CONSERVANCY
Sandstone in; see Natural Resources. Mineral
Surveyor; see Land
Taxes; see Taxation: County

ALCOHOLISM; see PUBLIC HEALTH

ALFALFA
Crop; see Agriculture. Crops

ALIENS
Education; see that title
Labor; see that title
Population; see that title

ALKALI LANDS; see LAND

ALKALI SOILS; see AGRICULTURE. SOILS

ALMOND
Crop; see Agriculture. Crops

ALMSHOUSES; see MAINTENANCE

ALPINE COUNTY (1864)
Assessors; see Taxation: State
Forests; see Natural Resources
Gold Production
1881. See Natural Resources. Mineral. Gold; this date.
Mineral Springs in; see Natural Resources
Minerals; see Natural Resources
Silver Mining
1892/4. See Natural Resources. Mineral. Silver; these dates.

AMADOR COUNTY (1854)
Artesian Wells; see Natural Resources
Assessors; see Taxation: State
Bullion Production
1885. See Natural Resources. Mineral. Production; this date.
Clay in; see Natural Resources. Mineral
Coal Mines; see Natural Resources. Mineral
Copper Mining
1892/4-1894/6. See Natural Resources. Mineral. Copper; these dates.
Forests; see Natural Resources
Geology; see Natural Resources
Gold in
1881. See Natural Resources. Mineral. Gold; this date.
1888. See same; this date.
1892-1895. See same; these dates.
1892/4-1894/6. See same; these dates.
Iron in
1892/4-1894/6. See Natural Resources. Mineral. Iron; these dates.
Lime in; see Natural Resources. Mineral
Limestone in; see Natural Resources. Mineral
Marble in; see Natural Resources. Mineral
Mines
1879/80. See Natural Resources. Mineral. Production; this date.
Mines and Mining
1888/90-1890/2. See Industries, etc. Mines; these dates.

AMADOR COUNTY (1854)—cont'd
Mining and Irrigating Canals
1894/6. See Industries, etc. Mining Canals, etc.; these dates.
Roads; see that title
Silver Production
1892-1895. See Natural Resources. Mineral; these dates.
Steatite and Serpentine in; see Natural Resources. Mineral
Surveyor; see Land
Trachyte and Tufa in; see Natural Resources. Mineral

AMPHIBOLE
Deposits; see Natural Resources. Mineral

ANALYST
Reports; see Industries, etc. Inspection. Food and Drugs

ANDERSON
Climate; see that title

ANGEL ISLAND
Chert on; see Natural Resources. Mineral
Geology; see Natural Resources

ANTIMONY
Deposits; see Natural Resources

APHIS; see AGRICULTURE. CROPS. PESTS

APPLES
Crop; see Agriculture. Crops
Exports; see Commerce, etc.

APPRENTICE SYSTEM; see LABOR

APRICOT
Crop; see Agriculture. Crops
Diseases; see Agriculture. Crops. Pests

ARBOR DAY; see NATURAL RESOURCES. FORESTS

ARCATA
Rainfall; see Climate

ARCHITECTURE
Schools; see Education. School Houses

ARID LAND; see LAND

ARIZONA
Climate; see that title
Production
PRECIOUS METALS; see NATURAL RESOURCES. MINERAL. PRODUCTION

ARTESIAN WELLS; see NATURAL RESOURCES

ASBESTOS
Deposits; see Natural Resources. Mineral

ASPARAGUS
Diseases; see Agriculture. Crops. Pests

ASPHALTUM
Deposits; see Natural Resources

ASSEMBLY
Expenditures for; see Finance: State. Expenditures

ASSESSMENT; see TAXATION: STATE

ASSESSMENT INSURANCE; see INSURANCE

ATHLETICS; see EDUCATION. PHYSICAL TRAINING

ATTORNEY GENERAL; see ADMINISTRATION OF JUSTICE: STATE

AUBURN
Climate; see that title

AUCTIONS
License; see that title

AWA; see FISH AND GAME

BALTIMORE
Fire; see Fires

BANKRUPTCY
1895. Petition for speedy passage of bankruptcy bill. (Sen. jol. 31 sess. p. 122.)

BANKS

serial

Under Act of March 30, 1878.

1 series

1878/9-1883. Rept. of bd. of bank comrs., 1-5. Sacramento, 1879-1883.

Checklist

1878/9 1 ann. rept. . . . . to gov. June 30, 1879. 1879. 267 pp.
1879 Rept. . . . . to legislature Jan. 1880. 1880. 221 pp.
1880 2 ann. rept. . . . . to gov. June 30, 1880. 1880. 40 pp., foldg. sheet.
1880 Rept. . . . . to legislature, Jan. 1, 1881. n. t. p. 197 (1) pp., foldg. sheet.
1881 4 ann. rept. . . . . to gov. Jan. 1882. 1882. 206 pp.
1882 Rept. . . . . to gov. June 30, 1882. 1882. 155 pp.
1882 5 ann. rept. . . . . to legislature. Jan. 1883. 1883. 244 pp.
1883 Rept. . . . . to gov. July 1, 1883. 191 pp., 3 ll., foldg. sheet.

In Collected docs. as follows:

1.	1878/9	in	App.	to	jols.	23	sess.	v. 2	unnum. doc.
unnum.	1879	"	"	"	"	23	"	v. 6	" "
2.	1880	"	"	"	"	24	"	v. 1	" "
unnum.	1880	"	"	"	"	24	"	v. 1	" "
4.	1881	"	"	"	"	25	"	v. 2	" "
unnum.	1882	"	"	"	"	25	"	v. 5	" "
5.	1882	"	"	"	"	25	"	v. 5	" "
unnum.	1883	"	"	"	"	25	"	v. 5	" "

Under the act of 1878 the bank comrs. were required to make two repts. each year, one to the legislature during the first week of the session and one to the governor at the close of the fiscal year, i. e., June 30. This provision was unsatisfactory, and its repeal is frequently recommended in the comrs.' repts. The irregularity in the series is shown in the above checklist. Beginning with the sixth rept. the series is issued regularly as is shown below.

2 series

1883/4-1903/4. Ann. rept. of the bd. of bank comrs. for yr. endg. June 30, 6-26.

In Collected docs. as follows:

6.	1883/4	in	App.	to	jols.	26	sess.	v. 3	unnum. doc.
7.	1884/5	"	"	"	"	27	"	v. 6	" "
8.	1885/6	"	"	"	"	27	"	v. 6	" "
9.	1886/7	"	"	"	"	28	"	v. 3	" "
10.	1887/8	"	"	"	"	28	"	v. 3	" "
11.	1888/9	"	"	"	"	29	"	v. 3	" "
12.	1889/90	"	"	"	"	29	"	v. 7	" "
13.	1890/1	"	"	"	"	30	"	v. 4	" "
14.	1891/2	"	"	"	"	30	"	v. 4	" "
15.	1892/3	"	"	"	"	31	"	v. 3	" "
16.	1893/4	"	"	"	"	31	"	v. 3	" "
17.	1894/5	"	"	"	"	32	"	v. 3	doc. 1.
18.	1895/6	"	"	"	"	32	"	v. 3	" 2.
19.	1896/7	no rept. printed for this year.							
20.	1897/8	no rept. printed for this year.							
21.	1898/9	in	App.	to	jols.	34	sess.	v. 2	doc. 7.
22.	1899/00	"	"	"	"	34	"	v. 2	" 8.

BANKS—cont'd

serial—cont'd

2 series—cont'd

The 23 to 26 repts., 1900/-1903/4, are included in the Collected documents of the 37th session, 1907, v. 2. In this form they were received by the compiler after the California copy had been set up, and too late for analyticals to be included in this index.

non-serial

1853. Comments on bankers' licenses. (A.R. state comptroller 1852/3: 41-42.)
1854. Statistics showing large amt. of drafts drawn on Cal. banks in favor of families of citizens in eastern states, as indicating wealth sent out of state as result of great expense and inconvenience of transporting families and illustrating need for practicable overland wagon road. (Govs. ann. mess. 1855: 28.)
1855. Enactment necessary to prohibit creation of paper money by banking corporations. (*Same* 1855: 31.)
1873. Stmt. showing names and capital stock, and money and real estate, etc., of some of the banks doing business in state. (Bienn. rept. state controller 1871/3: 18.)
1878. Table giving aggregate stmt. of banks and savings banks June 30. (1 A.R. bd. bank comrs. 1878/9: 9.)
——. Same; Dec. 31. (1 *same* 1878/9: 10.)
——. Stmt. showing changes in aggregate items of commercial banks, from June 30 to Dec. 31. (1 *same* 1878/9: 12.)
——. Aid to bank comrs. in enforcing law agst. such banks and banking institutions as refused to permit the exercise of visitorial and inquisitorial powers conferred upon bank comrs. (Rept. atty. gen. 1878/9: 10.)
——. Stmt. showing condition of banks and savings banks when examined by bank comrs. (1 A.R. bd. bank comrs. 1878/9: 219-258.)
1878-1880. Comparative stmt. showing aggregate items of commercial banks in state in active operation since July, 1878. (*Same* dated Jan. 1, 1881: 10.)
——. Stmt. giving review of banking business for 2 yrs. (*Same* dated Jan. 1, 1881: 11-12.)
1878-1882. Comparative stmts. of commercial banks giving aggregate items July, 1878, to Jan., 1882. (4 *same* dated Jan. 1882: 10-11.)
1878-1887. Comparative stmt. of S. F. branches of foreign banks showing aggregate resources and liabilities. (*Same* dated July 1885 (p. 11)—9 *same* dated Aug. 1, 1887.)
——. Comparative stmt. of commercial banks showing aggregate resources and liabilities. (*Same* dated July 1885 (p. 10)—*same* dated Aug. 1, 1887.)
1878-1888. Abstr. of repts. of savings, commercial, and foreign banks of Cal., showing aggregate resources and liabilities for series of yrs. (*Same* dated July 2, 1888: 12-13.)
1878-1900. Semi-ann. repts. of commercial banks. (1 *same* 1878/9 (pp. 101-215)—22 *same* dated Sept. 12, 1900.)
1879. Stmt. giving aggregate stmt. of banks and savings banks, June 30, 1879. (*Same* dated Jan. 1880: 5.)
——. Condensed stmt. re. commercial banks of state, compiled from stmts. Jan. 1. (1 *same* 1878/9 foldg. table.)
——. Condensed stmt. giving assets and liabilities of banks and savings banks of state, compiled from stmts. Jan. 1. (1 *same* 1878/9 foldg. table.)
——. Table giving names of banks and savings banks, with amt. paid by each for its license in July, 1878, and with amt. due depositors Dec. 31, 1877. (1 *same* 1878/9: 6-8.)

BANKS—cont'd

non-serial—cont'd

1879. Comparative summary giving aggregate amt. of deposits and assessment of banks and savings banks. (1 *same* 1878/9: 8.)

——. Stmt. giving list of banks with impaired capital. (1 *same* 1878/9: 25.)

——. Abstr. of stmts. of commercial banks Jan. 1, 1879. (1 *same* 1878/9 foldg. tables.)

1879-1880. Comparative stmt. showing total aggregate items of commercial and savings banks in active operation since July 1, 1879. (*Same* dated Jan. 1, 1881: 11.)

1880. Aggregate stmt. of commercial banks on Jan. 1, 1880. (*Same* dated Jan. 1880: 38.)

——. Aggregate items of commercial and savings banks, Jan. 1, 1880. (*Same* dated Jan. 1880: 38-39.)

——. Advance stmts. of commercial banks, Jan. 1, 1880, together with statistical information, so far as recd. (*Same* dated Jan. 1880: 165-206.)

——. Stmt. giving aggregate items of active banks and savings banks, July 1. (*Same* dated Jan. 1, 1881: 4.)

1880-1896. Semi-ann. tabular stmt. showing financial condition of commercial banks of state July 1, as reported to bank comrs. (2 *same* dated June 30, 1880 (foldg. table)—18 *same* dated Sept. 1, 1896.)

1881. Recommendation for necessity of some remedial legislation in matter of banks when "in liquidation," particularly savings banks which are not on "mutual plans." (*Same* dated Jan. 1, 1881: 17.)

1881/2. Stmt. showing changes in resources and liabilities of banks from Jan. 1, 1881, to Jan. 1, 1882: 5 savings banks of S. F.; commercial banks, S. F.; commercial banks in state; 5 savings banks of state, with comments on same. (4 *same* dated Jan. 1882: 5-6.)

1882-1883. Comparative stmt. showing changes made in aggregate items of resources and liabilities within past yr. of all incorporated banks of state now in active operation. (*Same* dated July 1883: 7.)

——. Table giving aggregate items of Cal. banks, Jan. 1. (4 *same* dated Jan. 1882 (p. 5)—5 *same* dated Jan. 1883.)

——. Same; S. F. banks, Jan. 1. (4 *same* dated Jan. 1882 (p. 4)—5 *same* dated Jan. 1883.)

1882/3-1890. Stmt. giving list of new banks. (5 *same* dated Jan. 1883 (p. 4)—12 *same* dated July 1890.)

1883. Stmt. of bank comrs. examinations of foreign commercial banks of S. F. (5 *same* dated Jan. 1883: 221-223.)

——. Same; commercial banks. (5 *same* dated Jan. 1883: 179-218.)

——. Bank comrs. examinations of commercial banks, from Jan. 1 to July 1, 1883. (*Same* dated July 1883: 181-191.)

——. Table showing to what extent each bank has liquidated its liabilities due depositors, since date of suspension, and amt. now due depositors, excl. of dividends unpaid. (*Same* dated July 1883: 5.)

——. Opinion of atty. gen. re. banks in liquidation, and to dividends being paid banks from uncollected interest. (*Same* dated July 1883: 9.)

——. Recommendation for all banks to discontinue practice of loaning funds to officers or stockholders, upon their own capital stock as collateral security. (*Same* dated July 1883: 8.)

1883/4. Comparative stmts. of resources and liabilities of savings and commercial banks, showing changes that have occurred during yr. (6 *same* dated July 1884: 12.)

1883/4-1885. Banks comrs'. examinations of savings and commercial banks of Cal. and of banks in liquidation, showing dates when they were examined. (6 *same* dated July 1884 (pp. 333-378)—7 *same* dated July 1, 1885.)

1884. Recommendation to commercial bank of Cal. that at least 30% of amt. due depositors shall be carried in coin on hand at all times. (6 *same* dated July 1884: 10.)

——. Recommendations to amend secs. 287 and 288 of civil code, so that pt. iv, div. 1 of code, shall govern all banking corporations alike. (6 *same* dated July 1884: 14.)

——. Recommendation for payment to commercial and savings banks of Cal. of loans by banks to any person upon its own shares of capital stock as collateral security for such loan. (6 *same* dated July 1884: 10.)

——. Comments on reserve fund and suggestion to keep certain amt. to credit of "reserve fund,' also keep smaller amt. to credit of profit and loss, and from latter named acct. pay losses that may occur at any time. (6 *same* dated July 1884: 7-8.)

——. Comments on loans and investments; opinion of atty. gen. on same. (6 *same* dated July 1884: 8-9.)

——. Recommendation for change in bank act so that only an ann. examination shall be required. (6 *same* dated July 1884: 6.)

——. General provisions relating to banking. (6 *same* dated July 1884: 15.)

——. Laws re. commercial banks; recommendations for amdmt. (6 *same* dated July 1884: 15.)

1884-1885. Stmt. showing changes that have occurred in items of capital and reserve of Cal. incorporated banks within past yr. (6 *same* dated July 1884 (p. 4)—7 *same* dated July 1, 1885.)

1884-1900. Semi-ann. repts. of banks in liquidation. (6 *same* dated July 1884 (pp. 169-178)—22 *same* dated Sept. 12, 1900.)

1884/5. Comments on liquidating banks, also stmt. giving condition of each savings and commercial bank in liquidation, July 1, 1885. (7 *same* dated July 1885: 6-7.)

——. Recommendation for indorsing payments of both principal and interest on notes of borrowers; filling out memorandum tags for deposits to general accts. and making charges to general accts. by memorandum checks, and treating all credits and debits of general accts. of bank same as each individual acct. (7 *same* dated July 1885: 13.)

——. Recommendation for banks who have not adopted "daily trial balance" to do so at once, not only for convenience, but for safety. (7 *same* dated July 1885: 13.)

——. Stmt. giving banking capital invested, together with amts. due individual depositors within different cos. of state where banks are located. (7 *same* 1885: 5.)

——. Recommendation for necessary confirmation by cashier or mngr. at close of business each day of amt. of cash on hand. (7 *same* dated July 1885: 13.)

1885/6. Table showing banking capital actually invested, with amts. due individual depositors within different cos. (8 *same* dated Aug. 1886: 13-14.)

——. On banks that have changed their charters. (8 *same* dated Aug. 1886: 15.)

——. Semi-ann. repts. of S. F. branches of foreign banks. (8 *same* dated Aug. 1886: 369-388.)

——. Comments on manner of examination of banks. (8 *same* dated Aug. 1886: 6-7.)

BANKS—cont'd

non-serial—cont'd

1886/7. Table showing banking capital invested, with assets due individual depositors in state incorporated banks within different cos., and increase and changes and redistribution which have taken place from July 1, 1886, to July 1, 1887. (9 *same* dated Aug. 1887: 14.)

——. Comments on accrued interest. (9 *same* dated Aug. 1887: 7-8.)

1887. Stmt. giving deposits and cash on hand in all banks of state, July 1. (9 *same* dated Aug. 1887: 13.)

1887-1900. Aggregate of all banks of state, July 1. (10 *same* dated July 2, 1888 (pp. 16-17)—22 *same* dated Sept. 12, 1900.)

1887/8. Comments on real estate in commercial banks and causes of failure. (10 *same* dated July 2, 1888: 9-11.)

——. Comments on investigating committees. (10 *same* dated July 2, 1888: 7-9.)

1887/8-1900. Comparative stmts. of savings, commercial, foreign, private banks for July, 1887, Jan. and July, 1888, et seq.; with aggregates. (10 *same* dated July 2, 1888 (pp. 14-17)—22 *same* dated Sept. 12, 1900.)

1889. Comments on national and state banking. (11 *same* dated July 1, 1889: 10-15.)

1890. Suggestion that statute be enacted fixing minimum amt. of cash capital required before any corporation, persons, or assn. can engage in banking business, amt. to vary with localities. (12 *same* dated July 1, 1890: 5.)

1890-1900. Stmt. giving list of state and private banks returned. (12 *same* dated July 1, 1890 (p. 7)—22 *same* dated Sept. 12, 1900.)

——. Stmt. giving no. of new state banks, savings, commercial, national, private. (12 *same* dated July 1, 1890 (p. 7)—22 *same* dated Sept. 12, 1900.)

1891. Comments on Bankers' Assn. (13 *same* dated July 1, 1891: 5.)

——. Comments on banking legislation and suggestion for law requiring certain amt. of paid-up capital. (13 *same* dated July 1, 1891: 3-4.)

1891-1895. Comparative stmt. of S. F. banks and recapitulation. (14 *same* dated July 1, 1892 (p. 15)—17 *same* dated July 1, 1895.)

1892. Suggestion that law should forbid use of word "bank," or any equivalent term, by corporations, persons, or associations not having legally required cash capital or reserve, or not doing legitimate banking business. (14 *same* dated July 1, 1892: 3.)

1893. Comments on banking law, and opinions of atty. gen. on same. (15 *same* dated July 1893: 4-6.)

1893-1894. Banks and banking in Cal.—panic of 1893 and failures growing out of it; comparative stmt. of no. of bank failures throughout U. S. during financial panic; deficiency in bank comrs'. apprn. (Rept. atty. gen. 1893/4: 14-21.)

1893-1896. Stmt. giving total savings, commercial, foreign and private banks. (15 A.R. bank comrs. dated July 1893 (p. 14)—18 *same* dated Sept. 1, 1896.)

1895. Semi-ann. repts. of banks in liquidation (voluntary). (17 *same* dated July 1895: 544-557.)

——. Same (involuntary). (17 *same* dated July 1895: 560-572.)

——. Comments on amended bank act and suggestion that law be amended again to prevent practice of permitting savings bank to be conducted in same room with commercial banks and governed by same officers. (17 *same* dated July 1895: 2-3.)

1895/6. Recommendations for amdmt. to law in case of insolvent banks. (18 *same* dated Sept. 1, 1896: 13.)

BANKS—cont'd

non-serial—cont'd

1896. Stmt. giving total list of banks closed and in liquidation, including those declared insolvent. (18 *same* dated Sept. 1, 1896: 3.)

1897. Recommendation that law limiting and fixing amt. of money an officer or director may be permitted to borrow from his own bank be enacted. (19 *same* dated Sept. 25, 1897: 369.)

1897-1898. Law placing bank declared insolvent back into hands of directors for purpose of winding up its affairs during process of liquidation is gross injury to creditors and depositors of such institutions; recommendation that receiver be apptd. by court and be responsible to court; his compensation be fixed by bd. of bank comrs. (19 *same* dated Sept. 25, 1897 (p. 369)—20 *same* dated Sept. 30, 1898.)

1898/00-1902. Stmt. showing deposits with state treasurer authorized by state bd. of bank comrs. (A.R. state treasurer 1898/00 (p. 70)—bienn. rept. *same* 1900/2.)

Bank Commissioners

1879. Opinion of atty. gen. on "act creating bd. of bank comrs. and prescribing their duties and powers." (1 A.R. bd. bank comrs. 1878/9: 5-6.)

——. Recommendation for amdmt. of bank comrs'. act: to require one examination a yr. instead of every 6 mos.; to make assessments for licenses on more equitable basis; to change time of making ann. repts. (1 *same* 1878/9: 26-27.)

——. Decision of Supreme Court in favor of right and duty of comrs. to examine affairs of all incorporated banks, and recommendation of comrs. re. amdmt. of law so as to require only one examination per yr. instead of semi-ann. (1 *same* 1878/9: 26.)

1883. Special rept. of the bd. of bank comrs. [requesting several amdmts. in act creating a bd.]. 8 pp. (App. to Sen. and Assem. jols. 25 sess. v. 5 doc. [3].)

1892. Defects in laws re. bank comrs.; legal provision should be made compelling bldg. and loan assns. to contribute towards support of bd. and to make repts. to same; also amdmts. so that speedy, adequate, and summary proceedings may be had to close up insolvent savings banks. (Rept. atty. gen. 1891/2: 10.)

1899. Rept. on bd. of bank comrs. (Rept. of committee to make examination of state institutions 1899: 160-165.)

——. Same; in App. to jols. 33 sess. v. 2.

Co-operative

1894-1896. Tabular stmt. showing no. of series, no. of shares, and resources and liabilities of co-operative banks of state. (1 A.R. bldg. and loan assns. 1893/4 (foldg. table)—3 *same* 1896.)

——. Same; showing receipts and disbursements of co-operative banks in state. (1 *same* 1893/4 (foldg. table)—3 *same* 1896.)

1895. Same; showing authorized capital, shares, foreclosures, security, and other statistics of co-operative banks of state. (2 *same* 1894/5 foldg. table.)

Funds; see below, Receipts and Expenditures; do. Savings Bank Fund

Laws

1882. Act creating bd. of bank comrs. and prescribing their duties and powers. (4 A.R. bd. bank comrs. dated Jan. 1882 (pp. 197-199)—*same* dated Aug. 1, 1887.)

1888. Sections of constitution and codes of Cal. relating to banks and banking. (*Same* dated July 2, 1888: 559-619.)

BANKS—cont'd

Laws—cont'd

1892. Same; and bldg. and loan assns.; compiled by W. W. Moreland. 87 pp.
Not seen; entry from Bowker.

1894. Act to compel savings banks to publish sworn stmt. of all unclaimed deposits. (A.R. bd. bank comrs. dated July 1894: 558.)

1895. Act creating a bd. of bank comrs. and prescribing duties; approved Mch. 30, 1878, and as amended Mch. 10, 1887, and Mch. 26, 1895. 13 pp.
Not seen; entry from Bowker.

National Banks

1887-1900. Comparative stmts. of national banks, July. (A.R. bd. bank comrs. dated July 2, 1888 (pp. 16-17)—*same* dated Sept. 12, 1900.)

——. Ann. repts. of national banks in state. (*Same* dated Aug. 1887 (pp. 445-472)—*same* dated Sept. 12, 1900.)

1887/8. Comments on national banks. (*Same* dated July 2, 1888: 5-6.)

1888-1896. Semi-ann. tabular stmt. showing financial condition of national banks of state July 1, as reported to bank comrs. (*Same* dated July 2, 1888 (foldg. table)—*same* dated Sept. 1, 1896.)

Private Banks

See also above, among general material.

1880. Comment on private banks; should they rept. and be subject to examination? (A.R. bd. bank comrs. dated Jan. 1880: 11-12.)

1887-1900. Semi-ann. repts. of private banks of Cal. (*Same* dated Aug. 1887 (pp. 411-442)—*same* dated Sept. 12, 1900.)

1887/8. Comments on private banks and list of new ones added to rept. (*Same* dated July 2, 1888: 4.)

1888-1896. Semi-ann. tabular stmt. showing financial condition of private banks of Cal., Jan. 1, 1888, as reported to bank comrs. (*Same* dated July 2, 1888 (foldg. table)—18 *same* dated Sept. 1, 1896.)

1888/9. List of new private banks. (*Same* dated July 1, 1889: 4.)

Receipts and Expenditures

1878-1898. Table showing total receipts collected by bank comrs. from banks each yr. and paid to state treasurer. (Rept. of committee to make examination of state institutions 1899: 160.)

——. Same; in App. to jols. 33 sess. v. 2.

1878-1900. Stmt. of all moneys recd. by bank comrs. from their apptmt., May 16, 1878. (1 A.R. bd. bank comrs. 1878/9 (p. 27)—*same* dated Sept. 12, 1900.)

1878/9-1887. Stmt. giving expenses of comn. for yr. (1 *same* dated June 1879 (p. 6)—*same* dated Aug. 1, 1887.)

1879/80. Stmt. showing amt. paid by each commercial bank for its license, July 1, 1879, to June 30, 1880. (*Same* dated Jan. 1880: 45-46.)

——. Same; by each savings bank for its license, July 1, 1879, to June 30, 1880. (2 *same* dated June 1880: 45.)

1880-1900. Stmt. of amts. paid for bank licenses by banks and savings banks, July 1. (*Same* 1881 (pp. 23-24)—*same* dated Sept. 12, 1900.)

1882-1904. Stmt. showing expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for bank comrs. (Bienn. rept. state controller 1880/2 (p. 60)—*same* 1902/4.)

1888-1904. Stmt. of condition of bank comrs'. fund. (*Same* 1886/8 (p. 88)—*same* 1902/4.)

1896. Stmt. showing amt. and kind of securities deposited in state treasury, upon order and approval of state bd. of bank comrs. on acct. of corporations acting as executors and in other capacities, on hand June 30. (A.R. state treasurer 1894/6: 57.)

BANKS—cont'd

Receipts and Expenditures—cont'd

1904. Stmt. showing deposits on hand June 30, authorized by state bd. of bank comrs. to be held by state treasurer on acct. of "corporations acting as executors and in other capacities." (*Same* 1902/4: 82.)

Savings Banks

See also above, among general material. See also below, Banks: Individual.

1870-1896. Comments on savings banks; table showing deposits at comparative dates. (A.R. bd. bank comrs. dated Sept. 1, 1896: 2.)

1878. Stmt. showing changes in aggregate items of savings banks, from June 30 to Dec. 31. (1 *same* 1878/9: 11.)

——. Semi-ann. repts. of five suspended savings banks. (1 *same* 1878/9: 89-98.)

1878-1880. Comparative stmt. showing aggregate items of savings banks of state, in active operation for 2 yrs. (*Same* dated Jan. 1, 1881: 10.)

1878-1882. Comparative stmts. of savings banks exhibiting aggregate resources and liabilities, July 1, 1878, to Jan. 1, 1882. (4 *same* dated Jan. 1882: 9-10.)

1878-1887. Same; showing several items of resources and liabilities and aggregate amt. of same. (*Same* dated July 1885 (p. 9)—*same* dated Aug. 1, 1887.)

1878-1900. Semi-ann. repts. of savings banks. (1 *same* 1878/9 (pp. 33-86)—*same* dated Sept. 2, 1900.)

1879. Stmt. showing changes in aggregate items of 23 live savings banks from July 1, 1878, to June, 1879. (*Same* dated Jan. 1880: 6.)

——. Abstrs. of stmts. of savings banks of state, Jan. 1, 1879. (1 *same* 1878/9 foldg. table.)

——. Characteristics of yr's. business of live savings banks, and comments. (*Same* dated Jan. 1880: 7-11.)

1879/80. Same; savings banks. (*Same* dated Jan. 1, 1881: 5-9.)

1880. Stmt. giving aggregate items of S. F. and interior savings banks (separately), July 1. (*Same* dated Jan. 1, 1881: 5.)

——. Condensed history of savings banks; earliest savings banks in Europe and U. S. (*Same* dated Jan. 1880: 13-33.)

——. Suggestion that bank comrs. be required to revise and consolidate laws concerning savings institutions of state, with amdmts. as may be deemed important, to rept. same, in form of one complete and general act, to legisl. during first wk. of sess. of 1881. (*Same* dated Jan. 1880: 33.)

——. Aggregate stmt. of 24 savings banks, Jan. 1, 1880. (*Same* dated Jan. 1880: 38.)

——. Advance stmts. of savings banks, Jan. 1, 1880, with statistical information, so far as recd. (*Same* Jan. 1880: 139-161.)

——. Repts. of suspended savings banks, Jan. 1, 1880, with stmts. of dividends declared (in liquidation). (*Same* dated Jan. 1880: 209-212.)

——. Comment on savings banks retiring from business, etc. (*Same* dated Jan. 1880: 37.)

——. Table showing dividends to depositors of savings banks to Jan. 1, 1880, and comments. (*Same* dated Jan. 1, 1881: 14-16.)

——. Recommendations for better protection of depositors in savings banks with capital stock, while liquidating, etc. (*Same* dated Jan. 1880: 32-33.)

1880-1896. Semi-ann. tabular stmt. showing financial condition of live savings banks of state, July 1, as reported to bank comrs. (2 *same* dated June 30, 1880 (foldg. table)—18 *same* dated Sept. 1, 1896.)

1882. Semi-ann. repts. of 7 suspended savings banks. (4 *same* dated Jan. 1882: 53-64.)

BANKS—cont'd

Savings Banks—cont'd

1882-1883. Stmts. showing condition of savings banks when examined by comrs. (4 *same* dated Jan. 1882 (pp. 153-192)—5 *same* dated Jan. 1883.)

——. Comparative stmt. showing to what extent aggregate items of resources and liabilities of 8 live savings banks of S. F. have increased or decreased within yr. (*Same* dated July 1883: 6.)

1883. Rept. of minority dissenting from majority on favoring passage of Sen. bill 151 re. savings banks. (Sen. jol. 25 sess. pp. 214-215.)

——. Stmt. of bank comrs'. examinations of savings banks in liquidation. (5 A.R. bd. bank comrs. dated Jan. 1883: 175-176.)

——. Semi-ann. repts. of savings banks in liquidation, Jan. 1. (5 *same* dated Jan. 1883: 45-53.)

——. Bank comrs'. examinations of savings banks from Jan. 1 to July 1, 1883. (*Same* dated July 1883: 173-177.)

——. Semi-ann. repts. of suspended savings banks, July 1, 1883. (*Same* dated July 1883: 53-61.)

1883-1885. Comparative stmt. from statistical information of active savings banks of state. (*Same* dated July 1885: 7.)

1883/4. Statistical information: comparative stmt. of 17 savings banks, showing changes that have occurred during yr. endg. Jan. 1, 1884. (*Same* dated July 1884: 6-7.)

1884. Stmt. showing condition of savings banks in liquidation, July 1. (*Same* dated July 1884: 5.)

——. Comments on dividends of savings banks and suggestion that laws be so amended as to justly regulate inequality of rates, avoiding any injustice to either stockholders or depositors. (*Same* dated July 1884: 7.)

1885-1887. Comparative stmt. of statistical information of savings banks; summary of most important items. (*Same* dated Aug. 1887: 9.)

1887. Rept. of special savings banks committee on Assem. bill 402, for govt. of savings banks, and for protection of depositors in same; recommending that a substitute pass, and charging bank directors with unjust financiering in the matter of unequal interest paid to depositors and stockholders. 2 ll. (App. to jols. 27 sess. v. 8 doc. [22].)

——. Rept. on investigation of moneys on deposit in various savings and loan banks of state remaining unclaimed beyond statutory period. (Assem. jol. 27 sess. pp. 591-592.)

1887/8. Comments on savings banks. (A.R. bd. bank comrs. dated July 2, 1888: 6-7.)

1891. Comments on savings banks as adjuncts to commercial banks. (*Same* dated July 1, 1891: 4-5.)

1892-1904. Stmt. of condition of dissolved savings bank fund. (Bienn. rept. state controller 1890/2 (p. 99)—*same* 1902/4.)

1894-1899. Bienn. stmts. of unclaimed deposits in savings banks of state [as per act of legisl. approved Mch. 23, 1893]. (A.R. bd. bank comrs dated July 1894 (pp. 359-577)—*same* dated Sept. 4, 1899.)

1895. Recommendation that savings banks be prohibited from taking from any individual deposits to exceed in aggregate $5000; and that in commercial banks no officer, director, or employe should be permitted to borrow from bank sum to exceed 10% of its paid-up capital. (*Same* dated July 1895: 3.)

1895/6. Recommendation that law should prohibit the merging of savings bank with commercial bank, and commercial bank with savings bank. (*Same* dated Sept. 1, 1895/6: 13.)

1904. Comment on the state savings banks, showing no. of deposit accts, etc., in savings banks of state, Jan. 1. (11 bienn. rept. labor statistics 1902/4: 119-120.)

BANKS—cont'd

Savings Banks—cont'd

Savings Bank Fund

1892-1900. Stmt. showing amts. paid into state treasury Dec. 15, 1892, to credit of dissolved savings bank fund. (Bienn. rept. state controller 1890/2 (pp. 130-136)—*same* 1898/00.)

1894. Bonds purchased for benefit of dissolved savings bank fund. (A.R. bd. examiners dated 1895: 5-6.)

Taxation; see Taxation: State. Corporations

Trust Companies

1895-1900. Semi-ann. repts. of trust cos. (A.R. bd. bank comrs. dated July 1895 (pp. 540-542)—*same* dated Sept. 12, 1900.)

BANKS: INDIVIDUAL

Bank of British North America

1889. Decision in case of Bank of British North Amer. vs. Israel Cohn; Supreme Court has decided that law of 1876 requiring all banks in state to publish stmts. Jan. 1 and July 1, still in force. (A.R. bd. bank comrs. dated July 2, 1889: 5.)

Bank of Mendocino

1883-1885. Statistical information of bank. (A.R. bd. bank comrs. dated Jan. 1883 (p. 229)—*same* dated July 1, 1885.)

California Savings and Loan Society, San Francisco

1883-1885. Statistical information of socy. (A.R. bd. bank comrs. dated Jan. 1883 (p. 227)—*same* dated July 1, 1885.)

Farmers' and Mechanics' Bank of Savings, San Francisco

1878. Stmt. giving assets and liabilities of bank, Aug. 29. (A.R. bd. bank comrs. 1878/9: 15-16.)

1888/9. Comments on liquidation of bank. (*Same* dated July 1, 1889: 4-5.)

French Bank

1887/8. Comments on liquidation of original French Bank and stmt. of dividends in liquidation declared. (A.R. bd. bank comrs. dated July 2, 1888: 4-5.)

French Savings and Loan Society, San Franscisco

1878. Comments on investigation of socy.; also stmt. giving condition of same. (A.R. bd. bank comrs. 1878/9: 16-20.)

1883-1885. Statistical information of socy. (*Same* dated Jan. 1883 (p. 227)—*same* dated July 1, 1885.)

German Savings and Loan Society, San Francisco

1883-1885. Statistical information of socy. (A.R. bd. bank comrs. dated Jan. 1883 (p. 228)—*same* dated July 1, 1885.)

Hibernian Savings and Loan Society

1883-1885. Statistical information of socy. (A.R. bd. bank comrs. dated Jan. 1883 (p. 228)—*same* dated July 1, 1885.)

Humboldt Savings and Loan Society, San Francisco

1883-1885. Statistical information of socy. (A.R. bd. bank comrs. dated Jan. 1883 (p. 229)—*same* dated July 1, 1885.)

Masonic Savings and Loan Bank, San Francisco

1878. Stmt. giving condition of bank; comments on same. (A.R. bd. bank comrs. 1878/9: 13-14.)

Merced Security Savings Bank

1883-1885. Statistical information of bank. (A.R. bd. bank comrs. dated Jan. 1883 (p. 230)—*same* dated July 1, 1885.)

Oakland Bank of Savings

1883-1885. Statistical information of bank. (A.R. bd. bank comrs. dated Jan. 1883 (p. 230)—*same* dated July 1, 1885.)

BANKS: INDIVIDUAL—cont'd

Odd Fellows' Savings Bank, San Francisco
1878. Stmt. of condition of bank, Oct. 19. (A.R. bd. bank comrs. 1878/9: 20-25.)

Peoples' Savings Bank, Sacramento
1883-1885. Statistical information of bank. (A.R. bd. bank comrs. dated Jan. 1883 (p. 231)—*same* dated July 1, 1885.)

San Francisco Savings Union, San Francisco
1883-1885. Statistical information. (A.R. bd. bank comrs. dated Jan. 1883 (p. 231)—*same* dated July 1, 1885.)
1887. Comrs'. decision: People vs. San Francisco Savings Union. (*Same* dated Aug. 1887: 501-503.)

Santa Cruz Bank of Savings and Loan
1883-1885. Statistical information of bank. (A.R. bd. bank comrs. dated Jan. 1883 (p. 232)—*same* dated July 1, 1885.)

Savings and Loan Society, San Francisco
1883-1885. Statistical information. (A.R. bd. bank comrs. dated Jan. 1883 (p. 232)—*same* dated July 1, 1885.)

Security Savings Bank, San Francisco
1883-1885. Statistical information of bank. (A.R. bd. bank comrs. dated Jan. 1883 (p. 233)—*same* dated July 1, 1885.)

Stockton Savings and Loan Society
1883-1885. Statistical information. (A.R. bd. bank comrs. dated Jan. 1883 (p. 234)—*same* dated July 1, 1885.)

Stockton Savings Bank
1883-1885. Statistical information of bank. (A.R. bd. bank comrs. dated Jan. 1883 (p. 233)—*same* dated July 1, 1885.)

Union Savings Bank, Oakland
1883-1885. Statistical information of bank. (A.R. bd. bank comrs. dated Jan. 1, 1883 (p. 234)—*same* dated July 1, 1885.)

Vallejo Savings and Commercial Bank
1883-1885. Statistical information of bank. (A.R. bd. bank comrs. dated Jan. 1883 (p. 235)—*same* dated July 1, 1885.)

BARBERS
License; see that title

BARLEY
Crop; see Agriculture. Crops
Exports; see Commerce, etc.
Prices; see that title

BARYTA
Deposit; see Natural Resources. Mineral

BASS; see FISH AND GAME

BATHS
Public; see Public Ownership and Regulation

BEAR RIVER; see RIVER CONSERVANCY

BEE CULTURE; see AGRICULTURE

BEET SUGAR
Industry; see Industries, etc. Sugar

BENEFICIARY ORGANIZATIONS
1887. Comments on The Firemen's Relief Fund law. (20 A.R. insurance comr. 1887: 6-7.)

BENEFICIARY ORGANIZATIONS—cont'd
1889. Investigation into plans and practices of co-operative insurance organizations, chiefly those known as endowment assns. 86 pp. (Bureau of labor statistics.)
Not seen; entry from Bowker.
1894. Recommendation that a just and reasonable measure be enacted, placing secret and fraternal orders under supervision of this dept. (26 A.R. insurance comr. 1894: 8.)
——. Comments on cut rates, youth's endowments, Minneapolis Masonic relief. (27 *same* 1894: 33-35.)
1895. Comments on fraternal fire insurance. (28 *same* 1895: 6.)
1903. Table showing assessment life and sick benefit insurance business for yr.—Cal. business. (36 *same* 1903: 29.)

BENEFICIARY ORGANIZATIONS: INDIVIDUAL

Fraternal Life Association of San Francisco
1894. Comments on. (27 A.R. insurance comr. 1894: 35.)

Mutual Benefit Life Association of America
1894. Comments on revoking the certificate of. (27 A.R. insurance comr. 1894: 27-28.)

Mutual Relief Association of Petaluma
1894. Comment on. (27 A.R. insurance comr. 1894: 37.)

World Mutual Benefit of West Virginia
1894. Comments on admittance of World Mutual Benefit of W. Va. to do business in Cal. (27 A.R. insurance comr. 1894: 39.)

BERKELEY
Climate; see that title

BIRTHS; see VITAL STATISTICS

BLASTOPHAGA; see AGRICULTURE. CROPS. PESTS

BOILER INSPECTION
1897. Petition for passage of act for protection of life and property agst. insecure steam boilers. (Assem. jol. 32 sess. pp. 619-620.)

BORAX
Deposits; see Natural Resources. Mineral

BOUNTY
Agriculture; see that title
Animal
1892-1896. Stmt. showing no. of coyote scalps for which certificates have been issued up to Oct. 1, 1892, according to quarterly repts. rendered controller by co. clerks. (Bienn. repts. state controller 1890/2 (pp. 128-129)—*same* 1894/6.)
1892-1904. Comments on coyote scalp bounty. (A.R. bd. examiners dated 1893 (p. 42)—*same* 1902/4.)
1893. Govs. mess.; coyote bounties, etc. (Sen. jol. 30 sess. pp. 542-543; Assem. jol. pp. 516-518.)
1896. Comment on bounty on coyote scalps and recommendation that apprn. be made. (Bienn. rept. state controller 1894/6: 31.)
1901. Veto of act authorizing suits agst. state on demand for bounty on coyote scalps. (Sen. jol. 34 sess. p. 1179.)
1901-1904. "Coyote scalp" cases. (Rept. atty. gen. 1900/2 (pp. 9-10)—*same* 1902/4.)
1903. Stmt. of judgments agst. state in "coyote scalp" cases. (Assem. jol. 35 sess. pp. 163-164.)
Forest Culture; see Natural Resources. Forests

BRANDY
Exports; see Commerce, etc.

BRICK-MAKING; see INDUSTRIES, ETC.

BRIDGES
1852. Repts. re. condition of and abuses connected with toll bridge at Salmon Falls. (Assem. jol. 1852: 432-433; 446-448.)
1855. Veto of act granting right to construct toll bridge across Amer. River, as special legislation granting corporate powers. (Sen. jol. 1855: 471-473.)
——. Rept. [favorable] of majority of judiciary committee on constitutionality of "act granting to J. L. Graves and T. C. Burton and such others as they may associate with them, right to construct toll bridge across Amer. River, at or near Miss. bar." 7 pp. (App. to Assem. jol. 6 sess. doc. 23.)
1857. Unfavorable rept. re. act granting to certain persons the right to construct a toll bridge across Tuolumne River. (Assem. jol. 8 sess. pp. 158.)
——. Favorable rept. on act authorizing construction of a bridge across Sacramento River betw. city of Sacramento and town of Washington. (*Same* 8 sess. pp. 370-371.)
1872. Stmt. of facts acc. rept. of committee on claims on Assem. bill 365, "act to fund certain indebtedness due and owing by co. of Contra Costa to T. C. Gilman," on acct. of bridge built across San Antonio Creek, in Oakland. 8 pp. (App. to jols. 19 sess. v. 4 doc. [11].)
1900/1. Table of bridges by cos., giving span, kind, width of roadway, cost, and remarks. (Bienn. rept. dept. highways 1901/2: 36.)

Expenditures for
1898. Cost of steel bridges and of stone bridges. (Bienn. rept. dept. highways 1897/8: 28-30.)
1890-1898. Table showing expenditures by the several cos. for bridges and culverts for 8 yrs. (*Same* 1897/8: 24-25.)

BROOKITE
Deposits; see Natural Resources. Mineral

BROOM CORN
Crop; see Agriculture. Crops

BUBONIC PLAGUE; see PUBLIC HEALTH. EPIDEMICS

BUILDING AND LOAN ASSOCIATIONS
serial
1 series
Under Act of March 13, 1891.
1890/1-1891/2. Rept. of bldg. and loan assns. by bd. of bank comrs.
In Collected docs. as follows:
1890/1 in App. to jols. 30 sess. v. 1 unnum. doc.
1891/2 " " " " 30 " v. 1 " "
2 series
Under chapter 188, Statutes of Cal.
1893/4-1903/4. Ann. rept. of bldg. and loan assns. comrs., 1-11.
In Collected docs. as follows:
1. 1893/4 in App. to jols. 31 sess. v. 4 unnum. doc.
2. 1894/5 " " " " 32 " v. 7 [doc. 1].
3. 1895/6 " " " " 32 " v. 7 [doc. 2].
4-5. 1896/7-1897/8 not printed.
6. 1898/9 in App. to jols. 34 sess. v. 3 doc. [5].
7. 1899/00 " " " " 34 " v. 3 doc. [6].
8-9. 1900/1-1901/2 not printed.
10-11. 1902/3-1903/4 omitted.
Last rept. made by this comn. Act of Mch. 21, 1905 created Bldg. and Loan Comrs.

BUILDING AND LOAN ASSOCIATIONS—cont'd
non-serial
1872-1900. Table giving no. of assns. for each successive yr. from earliest date. (1 A.R. bldg. and loan assns. 1893/4 (p. 21)—7 *same* 1900.)
No repts. 1897, 1898, 1901, 1902, 1903, 1904.
1873. List of savings and loan societies of city of S. F., and amt. of deposit in each, July 1. (Bienn. rept. state controller 1871/3: 18-19.)
1889. Investigation of purposes and practices of certain so-called "national bldg. and loan assns."; held in S. F. 56 pp. (Bureau of labor statistics.)
Not seen; entry from Bowker.
1892. Rept. on "national" bldg. and loan assns. 18 pp.
Not seen; entry from Bowker.
——. Comments on bldg. and loan assns. and suggestion that act be so amended as to relieve this comn. of its present connection with bldg. and loan assns. and that Cal. follow example of other states, wherein bldg. and loan assns. are put under special supervision. (14 A.R. bd. bank comrs. dated July 1, 1892: 4.)
1892-1894. Many so-called guarantee and loan assns. in state are foreign corporations doing business without local restraint; recommendation that law be passed compelling them to obtain license from bank comrs. before doing business, and requiring them to make deposit of securities with state treasurer. (Rept. atty. gen. 1891/2 (p. 7)—*same* 1893/4.)
1892-1896. Comparative table showing increase of business during past 2 yrs. of bldg. and loan assns. (1 A.R. bldg. and loan assns. 1893/4 (pp. 30-31) 3 *same* 1896.)
1893-1896. Table giving series matured during yr., giving names of assns., location, secy., date of maturity, dues, profits, etc. (1 *same* 1893/4 (p. 52)—3 *same* 1896.)
1894. Comments on ill-advised system of loaning; suggested not to allow member of bd. of directors to systematically further individual schemes at risk of assns.; to scrutinize each proposed loan carefully, and see that conservative estimate is placed upon property offered; to consider carefully standing and character of each applicant for loan. (1 *same* 1893/4: 7-8.)
——. Discussion of plans by which bldg. and loan assns. in state are managed; plan originally used: modifications of original plan to secure equalization of profits; the issuing of two classes of stock, one for borrowers, other for investors; gross premium plan; installment premium plan; premium stock plan; maintenance of reserve fund practiced by some institutions, a feature to be commended. (1 *same* 1893/4: 32-36.)
——. Comments on dissimilarity in plans in acct. keeping: discussion of principal books which should be kept for bldg. and loan assns.; treatment of various accts., dues, interest, premium, fees, and fines, principal revenue accts. (1 *same* 1893/4: 70-80.)
——. Suggestion that care should be taken in matter of paying taxes, to see that none of the mortgaged properties go delinquent and suffer a cloud on title, also if there should be a balance of assessment over deduction for mortgage, that this is paid as well. (1 *same* 1893/4: 84.)
——. Discussion of the 10 rules or plans for distribution of profits in vogue among assns. of state, with comparison of results. (1 *same* 1893/4: 36-50.)
——. Comments on deserved popularity of bldg. and loan plan in state; safety of such investments, being one of the most successful forms of financial co-operations ever devised for large class of people. (1 *same* 1893/4: 4-5.)

BUILDING AND LOAN ASSOCIATIONS—cont'd

non-serial—cont'd

1894. Comments on bldg. and loan assns. being under state supervision in Cal., and laws governing bldg. and loan assns. (1 *same* 1893/4: 5-6.)

——. Comparison of book values ascertained by various systems, and observations on same. (1 *same* 1893/4: 49.)

——. Comments on treatment of withdrawals; national rule; theory of withdrawals; nationals vs. locals. (*Same* 1893/4: 56-59.)

——. List of books and docs. for benefit of those who may desire to inform themselves on history, theory, practice, and law of bldg. and loan assns. (1 *same* 1893/4: 85.)

——. Comments on laws governing bldg. and loan assns. (1 *same* 1893/4: 6.)

——. Under laws governing bldg. and loan assns. has custom when members borrow money from assn., that mortgage is given upon property to secure loan, at same time assignment being made of shares of stock in assn. to the assn. as additional security, and a proxy executed allowing assn. to vote stock at subsequent elections, result being that but few of persons borrowing from assn. vote at elections and bd. of directors have absolute power; remedial legislation suggested; also modification of sec. 9 of law governing bd. of comrs. of said assns., so that when comrs. find an assn. "is conducting its business in unsafe manner, etc." (Rept. atty. gen. 1893/4: 23-24.)

1894-1896. Stmt. of aggregates of resources and liabilities, and receipts and disbursements. (1 A.R. bldg. and loan assns. 1893/4 (pp. 24-25)—3 *same* 1896.)

——. Stmt. of averages—resources, liabilities, receipts, and disbursements and classification of same. (1 *same* 1893/4 (pp. 25-30)—3 *same* 1896.)

——. Tabular stmt. showing no. of series, no. of shares, and resources and liabilities of national bldg. and loan assns. of state. (1 *same* 1893/4 (foldg. table)—3 *same* 1896.)

——. Same; showing receipts and disbursements of national bldg. and loan assns. of state. (1 *same* 1893/4 (foldg. table)—3 *same* 1896.)

——. Same; showing receipts and disbursements of local bldg. and loan assns. of state. (1 *same* 1893/4 (foldg. table)—3 *same* 1896.)

——. Same; showing no. of series, no. of shares, and resources and liabilities of local bldg. and loan assns. of state. (1 *same* 1893/4 (foldg. table)—3 *same* 1896.)

1894-1900. Stmt. of receipts for 12 mos. endg. Dec. 31, 1894, giving name of assn. and amt. of assessment. (1 *same* 1893/4 (pp. 16-18)—7 *same* 1900.)
No repts. 1897, 1898.

——. Individual repts. of bldg. and loan assns. (1 *same* 1893/4 (pp. 86-318)—7 *same* 1900.)
No repts. for 1897, 1898.

——. Stmt. giving capitalization of nationals, local assns., and co-operative banks. (1 *same* 1893/4 (pp. 22-24)—7 *same* 1900.)
No repts. for 1897, 1898.

——. Comparative stmt. of net profits for yr. showing rate of profits similarly calculated, on average loans in force as given in former repts. (6 *same* 1898/9 (p. 10)—7 *same* 1900.)
No repts. 1897, 1898.

1895. Recommended legislation for amdmt. of sec. 638 of law of 1891, re. payment of mortgages recd. by bldg. and loan assns. (2 *same* 1894/5: 14-15.)

——. Tabular stmt. showing authorized capital, shares, foreclosures, security, and other statistics of national bldg. and loan assns. of state. (2 *same* 1894/5 foldg. table.)

BUILDING AND LOAN ASSOCIATIONS—cont'd

non-serial—cont'd

1895. General movement away from system of gross premium plan, with premiums treated as earned profits commended; adoption of installment premium plan urged by new cos.; when gross premiums are earned an assn. may be allowed to absorb into its earnings a proportionate share of gross premium for each yr. in life of loan. (2 *same* 1894/5: 24-26.)

——. Discussion of withdrawal values, exceptions considered; plans submitted of graduating withdrawal values according to age of shares and restrictions on right of withdrawal. (2 *same* 1894/5: 26-28.)

——. Letters and excerpts from letters sent and recd. by comn. bearing on practices of individual cos. and opinions of atty. gen. on question of insolvency, duties and powers defined and loans to others than members. (2 *same* 1894/5: 34-37.)

1895-1896. Tabular stmt. showing authorized capital, shares, foreclosures, security, and other statistics of national bldg. and loan assns. in state. (2 *same* 1894/5 (foldg. table)—3 *same* 1896.)

——. Same; showing authorized capital, shares, foreclosures, security, and other statistics of local bldg. and loan assns. of state. (2 *same* 1894/5 (foldg. table)—3 *same* 1896.)

——. Same; showing authorized capital, shares, foreclosures, security, and other statistics, of co-operative banks. (2 *same* 1894/5 (foldg. table)—3 *same* 1896.)

1896. Comparison of results of operation of the Dexter, Partnership, and Wrigley rules for division of profits, under conditions: time, 10 yrs.; ann. series; 1 share in each series. (3 *same* 1895/6: 13.)

——. Tables showing practical work of assns. under several plans of apportioning profits, with various combinations of gross and installment premiums. (3 *same* 1895/6: 14-23.)

1896-1899. Comparative stmt. of interest and premiums collected. (6 *same* 1898/9 (p. 9)—7 *same* 1900.)

1896-1900. Same; new loans and loans repaid. (6 *same* 1898/9 (p. 9)—7 *same* 1900.)
No repts. 1897, 1898.

1897-1899. Comparison of assets and liabilities and receipts and disbursements for series of yrs. (6 *same* 1898/9: 6-7.)

1899. Rept. on comrs. of bldg. and loan assns. (Rept. of committee to make examination of state institutions 1899: 165-166.)

——. Same in App. to jols. 33 sess. v. 2.

1902. Suggestion that immediate steps be taken by legisl. looking to full investigation of so-called co-operative home-bldg. concerns and enactment of protective laws. (Rept. atty. gen. 1900/2: 15.)

Laws

1894-1896. Laws of state for formation, govt., control, and existence of bldg. and loan assns. (1 A.R. bldg. and loan assns. 1893/4 (pp. 321-360)—3 *same* 1896.)

Receipts and Expenditures

1893-1898. Table showing assessments [i. e. license fees] collected from assns. for support of bldg. and loan comn. each yr. on shares in force. (Rept. of committee to make examination of state institutions 1899: 165-166.)

——. Same; in App. to jols. 33 sess. v. 2.

1894-1904. Stmt. showing expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for bldg. and loan comrs. (bldg. and loan assns. inspection fund). (Biennial rept. state controller 1892/4 (p. 81)—*same* 1902/4.)

BUILDING AND LOAN ASSOCIATIONS—cont'd
Receipts and Expenditures—cont'd
——. Stmt. of condition of bldg. and loan assns. inspection fund. (*Same* 1892/4 (p. 92)—*same* 1902/4.)

BUILDING AND LOAN ASSOCIATIONS: INDIVIDUAL ASSOCIATIONS
See also above, under date of 1894-1900.
Golden City Homestead Association, San Francisco
1876. Rept. of Assem. special committee on affairs of. 118 pp. (App. to jols. 21 sess. v. 4 unnum. doc.)

BUILDING STONE
Deposits; see Natural Resources

BURGLAR INSURANCE; see INSURANCE

BUTTE COUNTY (1850)
Artesian Wells; see Natural Resources
Assessors; see Taxation: State
Bullion Production
1885. See Natural Resources. Mineral. Production; this date.
Clay in; see Natural Resources. Mineral
Forests; see Natural Resources
Gold in
1879-1880. See Natural Resources. Mineral. Gold; these dates.
1881. See same; this date.
1892-1895. See same; these dates.
1892/4-1894/6. See same; these dates.
Horticultural Board; see Agriculture. Horticultural Commission
Indian Wars; see War Expenditures
Mineral Springs in; see Natural Resources
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines; these dates.
Mining and Irrigating Canals
1894/6. See Industries, etc. Mining Canals, etc.; these dates.
Silver in
1892-1895. See Natural Resources. Mineral. Gold; these dates.
Surveyor; see Land

BUTTER
Exports; see Commerce, etc.
Imports; see Commerce, etc.
Prices; see that title
Production; see Industries, etc.

CALAVERAS COUNTY (1850)
Artesian Wells; see Natural Resources
Assessors; see Taxation: State
Bullion Production
1885. See Natural Resources. Mineral. Production; this date.
Channel System; see Natural Resources. Geology
Copper Mining
1892/4-1894/6. See Natural Resources. Mineral. Copper; these dates.
Forests; see Natural Resources
Geology; see Natural Resources
Gold in
1879-1880. See Natural Resources. Mineral. Gold; these dates.
1881. See same; this date.
1888. See same; this date.
1892-1895. See same; these dates.
1892/4-1894/6. See same; these dates.
Granite in; see Natural Resources. Mineral
Iron Mining
1892/4-1894/6. See Natural Resources. Mineral. Iron; these dates.
Lime in; see Natural Resources. Mineral
Limestone in; see Natural Resources. Mineral
Marble in; see Natural Resources. Mineral
Mineral Springs in; see Natural Resources
Mines
1879/80. See Natural Resources. Mineral. Production; this date.
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines; these dates.
Mining and Irrigating Canals
1894/6. See Industries, etc. Mining Canals; these dates.
Silver Production
1892-1895. See Natural Resources. Mineral. Gold; these dates.
Surveyor; see Land
Trachyte and Tufa; see Natural Resources. Mineral

CALIFORNIA POLYTECHNIC SCHOOL; see EDUCATION: INDIVIDUAL, ETC.

CALIFORNIA TEACHER (THE); see EDUCATION. EDUCATIONAL JOURNALS

CAMEL; see TRANSPORTATION

CAMPO
Climate; see that title

CANAIGRE
Crop; see Agriculture. Crops

CANALS: INTEROCEANIC
1892. Memorials to Congress favoring early completion of Nicaragua Canal, to be controlled by govt., and the establishment of a Division of Roads in Dept. of Agric. (4 bienn. rept. bd. hortic. 1893/4: 214.)
1894. Favoring passage of bill re. Nicaragua Canal. (Trans. state agric. socy. 1894: 19-20.)

CANALS: STATE
Irrigation; see Land. Irrigation
Mines; see Industries, etc. Mining Canals, etc.
Navigation
1867. Rept. of engr. on results of survey for Sacramento Valley irrigation and navigation canal. 52 pp. (App. to jols. 17 sess. v. 2 [doc. 4].)
1870. Rept. on act authorizing construction and maintenance of a ship canal from Stockton to San Joaquin River. (Assem. jol. 18 sess. p. 626.)

CANNERIES; see INDUSTRIES

CAPITAL
1850. Repts. on various proposals for location of permanent seat of govt., with copies of offers made for same. (Legisl. jol. 1849/50: 498-510.)

CAPITAL—cont'd
1850. Bond of M. G. Vallejo, J. B. Frisbie, S. Vallejo, J. M. Estill, and Robt. Allen, together with their affidavits as to amt. each is worth in matter of establishment of permanent seat of govt. (App. to Sen. jol. 2 sess. pp. 709-714 doc. W.)
1851. Rept. of surveyor gen. to Sen. and Assem. upon location of state capital. (*Same* 2 sess. pp. 561-562 doc. C.)
——. Minority rept. of select committee on bond of General Vallejo. (*Same* 2 sess. p. 717 doc. Y.)
——. Rept. of Mr. Tingley from judiciary committee on bond of General Vallejo. (*Same* 2 sess. pp. 715-716 doc. X.)
——. Majority [and minority] rept. of committee on permanent location of seat of govt. (*Same* 2 sess. pp. 645-654 docs. I and J.)
——. Rept. of comrs. apptd. to lay off tracts of land proposed to be donated to state by M. G. Vallejo. (*Same* 2 sess. pp. 727-729 doc. EE.)
——. Corresp. and communication re. title to lands and bond deposited for location of permanent seat of govt. at Vallejo. (Legisl. jol. 1851: 1083-1084.)
——. Rept. of comrs. apptd. to lay off tracts of land proposed to be donated to state for permanent seat of govt. (*Same* 1851: 727-729; 1423-1425.)
——. Majority and minority repts. on location of permanent seat of govt. (*Same* 1851: 645-654.)
——. Copy of form of bond to be executed by comrs. on location of permanent seat of govt. at Vallejo. (*Same* 1851: 709-717.)
——. Rept. of surveyor gen. on location of state capital at Vallejo. (*Same* 1851: 561-562.)
1852. Rept. urging cancellation of bond of Gen. Vallejo for location of permanent seat of govt. at Vallejo. (App. to Sen. jol. 1852: 563-564.)
——. Protest agst. organization of legisl. at Vallejo, claiming act authorizing same to be inoperative, and contract for location of govt. not fulfilled. (Sen. jol. 1852: 6.)
——. Govs. mess. protesting agst. organization of legisl. at Vallejo, showing non-fulfillment on part of bond for location of permanent seat of govt. at said place. (*Same* 1852: 11-12; Assem. jol. pp. 22-23.)
——. Rept. re. bill providing for removal of archives from Sacramento to Vallejo, showing latter to be permanent seat of govt. (Assem. jol. 1852: 500-502.)
1853. Copy of deed executed by city of Benicia to state, for location of permanent seat of govt. 4 pp. (App. to Sen. jol. 1853 doc. 27.)
——. Communication from atty. gen. re. removal of state capital from Vallejo. 4 pp. (App. to Assem. jol. 4 sess. doc. 12.)
——. Corresp. with M. G. Vallejo. 5 pp. (App. to Sen. jol. 4 sess. doc. 19.)
——. Communication from M. G. Vallejo, proposing mutual release of conditions of bond for location of seat of govt. at Vallejo. 4 pp. (*Same* 1853 doc. 15.)
——. Corresp. with M. G. Vallejo demanding payment of sums contracted for by him in bond for location of seat of govt. at Vallejo; with stmt. of said sums. 5 pp. (*Same* 1853 doc. 19.)
——. Same. (Assem. jol. 1853: 140-141.)
——. Copy of release of bond betw. state and M. G. Vallejo for location of permanent seat of govt. at Vallejo. 4 pp. (App. to Sen. jol. 1853 doc. 25.)
1854. Majority and minority repts. re. proposed location of permanent seat of govt. at Sacramento, with stmt. of cost of seven previous removals of capital. (Assem. jol. 1854: 76-81.)

CAPITAL—cont'd
1858. Rept. on advantages of moving seat of govt. to Oakland. (*Same* 9 sess. pp. 512-513.)
——. Rept. on mileage due committee to visit Oakland, in reference to removal of capital. (*Same* 9 sess. p. 493.)
1889. History of seat of state govt. ([Blue book] 1889: 195-216.)

CAPITATION TAX; see TAXATION: STATE. POLL TAX

CAPITOL; see PUBLIC BUILDINGS AND GROUNDS: STATE

CAPITOL FUND; see PUBLIC BUILDINGS AND GROUNDS.

CARMELO BAY
Geology; see Natural Resources

CARP; see FISH AND GAME

CATALINA ISLAND
Chalk Quarries; see Natural Resources

CATASTROPHES
Earthquakes; see that title
Floods; see Climate

CATFISH; see FISH AND GAME

CATTLE; see AGRICULTURE. LIVESTOCK

CATTLE FOODS
Commercial; see Industries, etc.

CEMENT
Deposits; see Natural Resources. Mineral

CENSUS
1850. Census of 1850 imperfect. (Govs. special mess. Jan. 30, 1852.)
1851. Rept. of U. S. census agt. with list of co. population. (Legisl. jol. sess. 1851: 741-743; 1602-1604.)
1852. Abstr. of census of state, being statistics of population, and capital and production by cos., and general descriptive review characteristic of each. (App. to Sen. jol. 1853 doc. 14: 13-58.)
——. Statistical summary by secy. of state of census returns under headings population, and production and capital, in various cos. (*Same* 1853, doc. 14: 4-11.)
——. Census required by constitution. (Govs. special mess. Jan. 30, 1852.)
1853. Govs. mess. re. census returns and rapid increase of population shown therein. (App. to Sen. jol. 1853, doc. 14: 3.)
——. Suggestion to repeal census requirements of constitution and leave regulation of same to legisl. (Govs. ann. mess. 1853.)

CEREALS
Exports; see Commerce, etc.

CHALK
Quarries; see Natural Resources. Mineral

CHANNEL ISLANDS
Geology; see Natural Resources

CHEESE
Exports; see Commerce, etc.
Prices; see that title
Production; see Industries, etc.

CHERRY
Crop; see Agriculture. Crops
Diseases; see Agriculture. Crops. Pests

CHERT
Deposit; see Natural Resources. Mineral

CHICO
Climate; see that title
Normal School; see Education: Individual, etc.

CHILD LABOR; see LABOR

CHINESE
Education; see Education. Aliens
Labor; see Labor. Alien
Population; see Population. Alien

CHINO
Climate; see that title
Temperature; see Climate

CHINO VALLEY
Rainfall; see Climate

CHOLERA; see PUBLIC HEALTH. EPIDEMICS

CHROMITE

CHRYSOPRASE
Deposits; see Natural Resources. Mineral

CINNABAR
Deposits; see Natural Resources. Mineral

CITRUS FRUITS
Fruits; see Agriculture. Crops

CLAY
Deposits; see Natural Resources. Mineral

CLIMATE

1869. Comparative table of meteorological stations of Pacific States, giving altitude, latitude, longitude, length of period observed, hottest and coldest day, range, mean, rain and snow in inches. (Trans. state agric. socy. 1868/9: 238.)

1884. Modifying causes of climate on Pacific Coast of U. S. and British Columbia. (*Same* 1884: 253-257.)

1885. Storms on Pacific Coast of Amer. (*Same* 1885: 273-275.)
From ann. rept. of chief signal officer.

1885-1888. Table giving average ann. rainfall, average seasonal temperature, mean and extremes of temperature, and average no. of clear days for Southern and Pacific States. (*Same* 1886 (pp. 355-356) —*same* 1888.)

1886. Original meteorological researches; weather types on Pacific Coast (with plates); by Lieut. W. A. Glassford, U. S. A. (*Same* 1886: 407-413.)

1886-1887. Weather statistics of Pacific Coast States—table giving extremes of temperature, average pressure, temperature, dew point, relative humidity, precipitation, ann. and hrly. velocity of winds and prevailing direction, and clear, fair, and cloudy days; averages are for periods of from 7 to 10 yrs. (*Same* 1886 (pp. 403-404)—*same* 1887.)

1887. Weather for Mch. and Apr. for whole Pacific Coast. (*Same* 1886: 312-315.)

1888-1889. Jan. meteorological table for stations in Wash. Terr., Ore., Cal., Nev., Utah, and Ariz.—mean and extremes of monthly temperature, and date of extremes and lowest temperature previously recorded, also rainfall. (*Same* 1887 (p. 427)—*same* 1888.)

1889. Weather summary for Apr. in Pacific Coast States. (*Same* 1889: 371.)

——. Table giving temperature of sun, air, and water at 2 p. m. each day as taken at Baird Govt. Salmon Station, on McCloud River. (*Same* 1889: 413-415.)

——. Table showing mean ann. temperature and precipitation at principal points in each state and territory. (*Same* 1889: 484-485.)

ARIZONA

1891-1892. Ann. summary of weather at Yuma, Ariz., in all its features. (Trans. state agric. socy. 1891 (p. 247)—*same* 1892.)

CALIFORNIA

serial

ANNUAL REPORT

1 series

1886-1894. Ann. meteorological review of the state of Cal. by the meterological dept. of the State Agric. Socy.

In Documents as follows:

1886	in	Trans.	state	agric.	society	1886: 255-391.
1887	"	"	"	"	"	1887: 247-287.
1888	"	"	"	"	"	1888: 243-410.
1889	"	"	"	"	"	1889: 319-487.
1890	"	"	"	"	"	1890: 279-340.
1891	"	"	"	"	"	1891: 217-278.
1892	"	"	"	"	"	1892: 183-222.
1893	"	"	"	"	"	1893: 178-197.
1894	"	"	"	"	"	1894: 203-230.

Reports on meteorology had been issued by the Agric. Society since its organization. In the earlier years the data were supplied by private individuals. Between 1875 and 1881 almost no meteorological material was published by the Society. The U. S. Signal Office was first established at Sacramento in 1877, but no statistics were supplied by it until 1881. In 1881 and each following year brief climatic statistics were supplied to and published by the Society. In 1886 they first assumed a comprehensive, systematic character. From 1886 to 1894 they were published regularly as collated above. All that has been published by the Socy. has been indexed in this volume.

2 series

In co-operation with the Weather Bureau, U. S. Dept. of Agriculture.

1895. Ann. review of the Cal. climate and crop service.

In Documents as follows:
1895 in Trans. state agric. society 1895: 169-204.

MONTHLY REPORT

1 series

1891-1896. Monthly bull. of the Cal. weather service; published by the State Agric. Socy. in co-operation with U. S. Dept. of Agric. Weather Bureau, Sept., 1891, to Dec., 1896.

2 series

1897-1904. Cal. section of the climate and crop service of the U. S. Weather Bureau, v. 1-8, Jan., 1897, to Dec., 1904.
Annual summary accompanies this file.

WEEKLY REPORT

1 series

1893-1896. Wkly. crop bull.
Published during the planting and harvesting season, April to Oct. 1893, also in Trans. state agric. society 1893: 186-189. Republished in the Daily Bulletin, Weekly Rural Press and Cal. Fruit Grower of S. F. and in the Sacramento Record-Union.

2 series

1897-1904. Wkly. crop bull. of the climate and crop service of the U. S. Weather Bureau, Cal. section, Apr. 12, 1897, to Dec., 1904.
38 nos. were issued in 1897; after that 52 nos. were issued annually.

CLIMATE—cont'd

CALIFORNIA—cont'd

non-serial

(?). Tables giving monthly and ann. average rainfall, in inches; monthly percentages of probability of rainy days, of clear days, and of cloudy days at weather bureau stations in Cal., from records of many yrs. (Trans. state agric. socy. 1891: 253-255.)

(?)-1889. Table showing elevation and average temperature and rainfall of stations in Coast Range, by cos. (*Same* 1886 (pp. 317-318)—*same* 1889.)
Not found in 1888.

1848-1885. Meteorology and climatology of the great valleys and foothills of Cal. for from 15 to 36 yrs.; collated and compiled by Sergt. J. A. Barwick, observer signal corps, U. S. A., being a gathering of all worthy articles known to writer on climatic peculiarities of state. (*Same* 1885: 213-291.)

——. Same; separate. 78 pp.

1849-1902. Review of wet and dry seasons in state. (8 bienn. rept. bd. hortic. 1901/2: 399-405.)

1850-1856. Recapitulation of meteorological observations. (Rept. insane asylum 1855: 39-42.)

1859-1860. Meteorological observations. (*Same* 1859 (pp. 44-55)—*same* 1860.)

1863. Comparative climate and grain farming in Cal.; comparisons with Atlantic States and England. (Trans. state agric. socy. 1863: 203-221.)

1865-1895. Ann. meteorological review. (*Same* 1864/5 (pp. 164-170)—*same* 1895.)
Not found in repts. for 1879 or 1880.

1870/1. Rept. upon subject of medical topography and climatology in Cal. (1 bienn. rept. bd. health 1870/1: 70-75.)

1874. Climatic influence in Cal. (Trans. state agric. socy. 1874: 358-359.)

1874/5. Rept. on climatology of Cal. and consumption. (3 bienn. rept. bd. health 1874/5: 93-150.)

1876/7. Relations of climate of Cal. to consumption. (4 *same* 1876/7: 38-60.)

1883. Tables showing ann. and monthly mean and extremes of temperature, monthly and ann. rainfall and snowfall, and direction of prevailing wind each mo. and for yr., of 85 stations in state. (Trans. state agric. socy. 1883: 163-182.)

1884/6. Climatology and diseases of southern Cal.; by H. S. Orme, pres. state bd. of health. (9 bienn. rept. bd. health 1884/6: 117-131.)

1885. Palestine climate compared with that of Cal. (Trans. state agric. socy. 1885: 287-291.)

1886. Table showing elevation and average temperature and rainfall for stations in San Bernardino, Siskiyou, Modoc, and mt. division of Placer Co. (*Same* 1886: 321.)

——. Coast climate of Cal.: distribution of rain, temperature, therapeutics; by J. W. Robertson, M. D., as published in state bd. of health rept. of 1886. (*Same* 1886: 322-332.)

——. Climate of central Cal. compared with that of Italy. (*Same* 1886: 349-352.)

——. Climatology of southern Cal.; by H. S. Orme, M. D. (*Same* 1886: 375-379.)

——. Isothermal maps of state and comments. (*Same* 1886: 369-374.)

——. Semi-tropical winter in central and northern Cal. citrus belt; comparisons with Italy in warmth and sunshine; scenery, springs, bathing, etc. (*Same* 1886: 366-369.)

——. The climatology and diseases of southern Cal.; by H. S. Orme. (9 bienn. rept. bd. health 1884/6: 117-131.)

——. Coast climate of Cal.; by J. W. Robertson. (9 *same* 1884/6: 199-209.)

CLIMATE—cont'd

CALIFORNIA—cont'd

non-serial—cont'd

1886/8. Average temperature, highest and lowest temperature, and average rainfall at prominent named points in Cal. (10 *same* 1886/8: 221.)

——. Brief description of climate of Cal. (10 *same* 1886/8: 216-221.)

1887. Brief history of meteorological dept. of the socy.; recommendation that next legisl. incorporate system of state weather service to be under mngmt. and supervision of state bd. of agric.; outline of work to be done and cost. (Trans. state agric. socy. 1887: 19-21.)

——. Climate and resources of summit cos. (*Same* 1887: 423-426.)

1888. Tables giving mean monthly temperature and rainfall at Southern Pacific stations in Cal., also highest and lowest temperature observed at each point and normal average precipitation for yr. (*Same* 1888: 377-383.)

——. Monthly weather bull. of Pacific Coast for Feb. (*Same* 1887: 437-438.)

1888/9-1891/2. Monthly observations of mean and extremes of temperature, rainfall, no. of clear, cloudy, and partly cloudy days at Sta. Rosa station from Aug. 1, 1888, to Aug. 31, 1890. (A.R. bd. vitic. comrs. 1889/90 (p. 47)—*same* 1891/2.)

1889/90. Meteorological table of phenomenal winter—giving monthly rainfall for Oct., Nov., Dec., 1889, and to Jan. 26, 1890, at 23 points in state; also averages for same mos. in previous yrs.; season's rainfall to Dec. 31, also average for previous yrs.; mean temperature for Dec.; and average mean temperature for Dec. (9 A.R. state mineralogist 1888/90: 322.)

——. Meteorological review of state—rainfall, fogs, climate, phenomenal winter (1889/90); by G. E. Barnes. (9 *same* 1888/9: 312-322.)

1890. Climate of Cal. and Nev., with particular reference to rainfall and temperature, and their influence upon irrigation problems of the two states. (Trans. state agric. socy. 1891: 255-298.)

——. Table showing mean and extremes of ann. temperature and rainfall for various voluntary signal service stations throughout state. (*Same* 1890: 338-340.)

1891. A cyclonic glimpse of Cal. weather. (*Same* 1891: 247-252.)

1891-1892. Table giving elevation, mean and extremes of temperature, prevailing wind, and total precipitation, by mos., by voluntary observers at various points in state. (*Same* 1891 (pp. 232-244)—*same* 1892.)
Winds not given in 1892.

1892. Table giving means and extremes of temperature and total precipitation for each mo., and for yr., from over 200 of Southern Pacific co. stations. (*Same* 1892: 194-211.)

——. Tabular data showing no. of clear and fair days in each mo. and for yr. at various stations in state. (*Same* 1892: 187.)

1892-1893. Ann. monthly weather summary for state. (*Same* 1892 (pp. 183-186)—*same* 1894.)

1893. Monthly misc. data: Cal. weather service observations, giving stations, cos., elevation, mean temperature and extremes, with mo. of extremes, range, rainfall, and rainy days and frosty mornings. (*Same* 1893: 191-193.)

——. Ann. meteorological repts. from weather bureau stations in state, giving mean and extremes of temperature, kind of weather, each day, velocity and prevailing winds, and precipitation, with name of observer. (*Same* 1893: 190.)

CLIMATE—cont'd

CALIFORNIA—cont'd

non-serial—cont'd

1893. State weather summary, by mos., giving normal monthly temperature from 8 to 40 yrs., departure from normal, extremes of temperature and stations where they occurred; prevailing wind; normal, average, and departure from normal rainfall, greatest and least precipitation, and stations where they occured. (*Same* 1893: 184-185.)

——. Meteorological data from Southern Pacific co's. stations in Cal.—elevation, ann. mean and extremes of temperature, with mo. of extremes, absolute range, prevailing wind, precipitation, snow, and rain. (*Same* 1893: 194-196.)

1894. Favorable comment on weather service of the socy.; outside demands for these repts. have exhausted the supply. (*Same* 1894: 25.)

——. Table giving average temperature and extremes, and total precipitation for each mo. and for yr. from 298 stations, concluding with monthly averages for state, also highest and lowest temperature. (*Same* 1894: 204-223.)

——. Table showing mean and ann. temperatures and precipitation, with normals and departures therefrom, along with extremes of temperature and greatest precipitation for state. (*Same* 1894: 228.)

——. Table giving average no. of clear, fair, cloudy, and rainy days for state by mos. and seasons, also average seasonal temperatures and precipitation, with departures from normals. (*Same* 1894: 229.)

——. Table giving clear, fair, cloudy, and rainy days each mo., along with monthly and ann. averages from 65 stations. (*Same* 1894: 224-227.)

1894-1896. Table giving statistics of fair weather, rainfall, snow, etc., by mos. (Bienn. rept. agric. exper. stations 1895/7: 327.)

1894/5-1896/7. Climatic rept. of Southern Cal. station—mean and extremes of temperature, monthly range, extremes of daily variation, precipitation, and weather, by mos. (*Same* 1895/7: 365-366.)

1895. Ann. review of the Cal. climate and crop service. (Trans. state agric. socy. 1895: 169-204.)

——. Percentages of mean cloudiness and of mean sunshine for Cal. weather bureau stations by mos., yrs., and seasons; tables and comments. (*Same* 1895: 202-204.)

1896/7-1898/9. Climatic conditions at Southern Cal. station. (A.R. agric. exper. stations 1897/8: 307-309.)

1899. Comment on weather conditions of yr. (Trans. state agric. socy. 1899: 3-4.)

1901. Monthly weather review for yr. (*Same* 1901: 152-153.)

1902-1903. Notes on climate of Southern Coast Range sub-station; meteorological record giving means and extremes of temperature, no. of days 90° or over, no. 32° or under, rainfall, and weather, by mos. (Rept. agric. exper. stations 1901/3: 175-176.)

1902-1904. Meteorological record of Southern Cal. substation—monthly mean and extremes of temperature, with dates of extremes, no. of days 90° or over, no. of days 32° or under, rainfall, and weather. (*Same* 1901/3 (p. 187)—*same* 1903/4.)

ALAMEDA

1852-1858. See below, Sacramento; these dates.

ANDERSON

1888-1889. Tabular stmt. of monthly meteorological observations taken at Anderson, Shasta Co.—mean and extreme temperature and barometer, rainfall, and prevailing direction of wind. (Trans. state agric. socy. 1888 (p. 316)—*same* 1889.)

CLIMATE—cont'd

CALIFORNIA—cont'd

AUBURN

1888. Table giving extremes of daily temperature and daily rainfall at Auburn. (Trans. state agric. socy. 1888: 286-288.)

BERKELEY

1886-1889. Comparative table showing mean temperature of each season at Berkeley, extremes of temperature and humidity, and rainfall for 4 yrs. (Bienn. rept. agric. exper. stations 1888/9: 22.)

1887-1897. Ten yr. synopsis of meteorological observations at Berkeley—means and extremes of temperature, atmospheric pressure, and relative humidity, rainfall, weather, and wind, by mos. (*Same* 1895/7: 305.)

——. Climatic conditions of Berkeley. (Univ. Chronicle v. 1: 82-86.)

1887-1902. The climate of Berkeley; by A. D. Leuschner. (*Same* v. 5: 231-234.)

1888-1894. Synopsis of meteorological observations at Berkeley for 7 yrs.; mean and extreme barometer, temperature, and humidity, yearly range and monthly variation of temperature, precipitation, weather, and wind. foldg. table. (Bienn. rept. agric. exper. stations 1892/4 n. p.)

1889. General climatic and topographic features of the Bay Region; climate of Berkeley. (*Same* 1889: 21-24.)

1891/2. Synopsis of meteorological observations at Berkeley; means and extremes of barometer, temperature, and humidity each mo., highest and lowest daily average, precipitation, weather, and wind. foldg. table. (A.R. *same* 1891/2.)

1892/3-1903/4. Same; each yr. by mos.: mean and extremes of barometer, temperature, and humidity; monthly and daily ranges of temperature; precipitation; weather; and winds. foldg. table. (*Same* 1894/5 (n. p.)—*same* 1903/4.)

CAMPO

1889. Weather summary for last 6 mos. of yr. at Campo, San Diego Co., giving means and extremes of temperature, and rainfall. (Trans. state agric. socy. 1889: 470-471.)

CHICO

1885/6-1899/00. Climatic conditions at Chico for 15 yrs.; tables giving statistics of rainfall each season, average seasonal temperature, average ann. and extremes. (A.R. agric. exper. stations 1897/8: 330-331.)

1887-1889. Tables giving average mo. and seasonal temperature and rainfall, as deduced from 14 yrs. observation, along with highest and lowest temperature at Chico, Butte Co. (Trans. state agric. socy. 1887 (pp. 351-352)—*same* 1889.)

CHINO

1889. Comments of Chino weather for the yr. and the adaptability of its climate to citrus fruits and beet culture. (Trans. state agric. socy. 1889: 463-464.)

COLUSA COUNTY

1888. Seasonal temperatures and rainfall for places in Colusa Co. (Trans. state agric. socy. 1888: 305.)

1888-1890. Table of meteorological data for Willows, Colusa Co., giving mean and extreme mo. temperature and range, dates of extremes, mean, barometer, rainfall, prevailing wind, and no. of days fair, cloudy, etc. (*Same* 1888 (p. 305)—*same* 1890.)

CRESCENT CITY

1890. Weather summary for yr. at Crescent City; giving total precipitation, clear, fair, cloudy, and rainy days, frosts, and prevailing wind for each mo. (Trans. state agric. socy. 1890: 289.)

CALIFORNIA—cont'd

EUREKA

1887-1889. Table showing, by mos., meteorological conditions of yr. at Eureka, Humboldt Co.; mean and extreme temperatures, days below 32°, mean relative humidity, velocity and prevailing wind, precipitation, days clear, cloudy, etc. (Trans. state agric. socy. 1887 (p. 384)—*same* 1889.)

1890-1891. Weather summary for yr. at Eureka, giving means and extremes of temperature, mean barometer, dew point, humidity, mean daily range, winds, weather, precipitation, and greatest amt. in 24 hrs. (*Same* 1890 (p. 291)—*same* 1891.)

1892. Ann. meteorological summary, by mos., at Eureka, giving means and extremes of temperature, precipitation, velocity of and prevailing wind, no. of days clear, cloudy, etc., no. of days above 90°, and no. below 32°. (*Same* 1892: 214.)

1895. Ann. meteorological summary at Eureka, giving means and extremes of pressure and temperature, dew point, relative humidity, precipitation, velocity and direction of wind, no. of days clear, cloudy, etc., by mos. (*Same* 1895: 186.)

FORT BIDWELL

1866-1886. Meteorological rept. of Ft. Bidwell. (9 bienn. rept. bd. health 1884/6: 178-181.)

1885/6-1886/7. Meteorological table of Ft. Bidwell, showing mean temperature, prevailing wind—direction and velocity—at 7 a. m., 3 p. m., and 11 p. m.; greatest daily and mo. ranges of temperature, mean mo. dew point; no. of clear, fair, and cloudy days, and no. on which rain fell during each mo. (Trans. state agric. socy. 1886 (pp. 401-402)—*same* 1887.)

FORT JONES

1887-1888. Mo. weather summary near Ft. Jones, Siskiyou Co., giving mean mo. temperature, same at three periods in the day, extremes of temperature, rainfall and melted snow. (Trans. state agric. socy. 1888: 317-318.)

1889-1890. Table giving mean mo. temperature taken at sunrise, noon, and sunset, at Walla Walla Creek, near Ft. Jones, Siskiyou Co., extremes of temperature, rainfall, and snowfall; also mo. summary. (*Same* 1889 (pp. 416-417)—*same* 1890.)

FORT MILLER

1852-1858. See below, Sacramento; these dates.

FRESNO

1888-1891. Ann. meteorological summary of Fresno, by mos., giving mean, extremes, and ranges of barometer and temperature; mean dew point, relative humidity, cloudiness and precipitation; velocity and directions of winds; no. of days below 32°, no. above 90°, no. clear, fair, etc. (Trans. state agric. socy. 1888 (pp. 339-341)—*same* 1890.)

1891-1901. See below Red Bluff; these dates.

1892. Ann. meteorological summary, by mos., at Fresno, giving mean and extremes of temperature, precipitation, velocity of and prevailing wind, no. of days clear, cloudy, etc., no. of days above 90° and below 32°. (Trans. state agric. socy. 1892: 217.)

1895. Same. (*Same* 1895: 187.)

GEORGETOWN

1888/9-1889/90. Mo. weather summary at Georgetown, El Dorado Co., for yr., giving mean and extremes of mo. temperature, rainfall, no. of clear, cloudy, etc., days, first frosts and snowfall. (Trans. state agric. socy. 1888: 291-292.)

GOOSE LAKE VALLEY

1884/6. See below, Surprise Valley; these dates.

CALIFORNIA—cont'd

HUMBOLDT COUNTY

1886. A study of the incipient climatic change notable in Humboldt Co.; the influence of redwood forests upon the flow of streams. (1 bienn. rept. forestry bd. 1885/6: 202-206.)

HYDESVILLE

1889. Table giving rainfall and mean and extremes of temperature each mo. at Hydesville. (Trans. state agric. socy. 1889: 419.)

1890. Weather summary for yr. at Hydesville, giving means and extremes of temperature, precipitation, no. of rainy days, light frosts, and killing frosts for each mo. (*Same* 1890: 290.)

INDEPENDENCE

1895. Ann. meteorological summary at Independence, showing mean and extremes of temperature and pressure, dew point, relative humidity, precipitation, velocity and direction of wind, no. of days clear, cloudy, etc., by mos., and yrly averages. (Trans. state agric. socy. 1895: 188.)

IOWA HILL

1888-1891. Summary of weather record at Iowa Hill, Placer Co., giving mean and extremes of temperature taken at three periods in day, rainfall, and no. of clear, fair, cloudy, and rainy days each mo. (Trans. state agric. socy. 1888 (p. 289)—*same* 1891.)

JACKSON

1892/3-1896/7. Notes on climate of Foothill Station; mo. weather rept.; table giving means and extremes of temperature each mo. (A.R. agric. exper. stations 1894/5 (pp. 358-364)—bienn. rept. *same* 1895/7.)

1902-1903. Meteorological record of Foothill substations—means and extremes of temperature, no. of days 90° or over, no. of days 32° or under, rainfall, and weather by mos. (*Same* 1901/3: 163.)

KEELER

1885-1890. Comparative tables giving mean and extremes of temperature by mos. and yrs., and precipitation by mos., yrs., and seasons, at Keeler, Inyo Co. (Trans. state agric. socy. 1890: 306-307.)

——. Comparative ann. meteorological review of Keeler, Inyo Co., giving average and extremes of barometer and temperature, range of both, humidity, dew point, movement and direction of wind, precipitation, weather, no. of days over 90° and no. under 32°. (*Same* 1890: 305.)

1891. Ann. weather summary in all its features at Keeler, Inyo Co. (*Same* 1891: 226.)

1892. Ann. meteorological summary, by mos., at Keeler, giving means and extremes of temperature, precipitation, velocity of and prevailing wind, no. of days clear, fair, etc., no. of days above 90° and below 32°. (*Same* 1892: 216.)

LA GRANGE

1890. Ann. weather summary at La Grange, showing mean and extremes of temperature, total precipitation, no. of rainy days and light frosts, by mos. (Trans. state agric. socy. 1890: 328.)

LODI

1889. Mo. synopsis of weather at Lodi, San Joaquin Co., each yr. (Trans. state agric. socy. 1889: 445-446.)

1890. Ann. weather summary of Lodi, San Joaquin Co., showing means and extremes of temperature and precipitation for each mo. (*Same* 1890: 311.)

CLIMATE—cont'd

CALIFORNIA—cont'd

LOS ANGELES

1877-1890. Cumulative comparative tables, giving by mos. and yrs., at Los Angeles, means and extremes of temperature, prevailing direction of wind, average daily movement, and highest velocity, no. of days above 90° and below 32°, relative humidity, no. clear, etc., days, precipitation; also by seasons and beginning and endg. of rainy season. (Trans. state agric. socy. 1888 (pp. 350-355)—*same* 1890.)

1891. Ann. mo. weather summary for Los Angeles. (*Same* 1891: 230-231.)

1891-1901. See below, Red Bluff; these dates.

1895. Ann. meteorological summary at Los Angeles, giving mean and extremes of temperature, and pressure, dew point, relative humidity, precipitation, velocity and direction of wind, no. of days clear, cloudy, etc., by mos. and yrly. averages. (Trans. state agric. socy. 1895: 189.)

LOS ANGELES COUNTY

1871/3. Climate and diseases of Los Angeles Co. (2 bienn. rept. bd. health 1871/3: 153-156.)

LOS GATOS

1890. Ann. weather summary for Los Gatos, showing mean and extremes of temperature and total precipitation each mo. (Trans. state agric. socy. 1890: 321.)

MARYSVILLE

1888/9-1889/90. Marysville weather for 16 mos.; table giving mean and extremes of mo. temperature, rainfall, no. of days clear, fair, etc., and comments. (Trans. state agric. socy. 1888 (pp. 299-301)—*same* 1890.)

MILTON

1890. Ann. weather summary for North Hill Vineyard, Milton, Calaveras Co., showing means and extremes of temperature and daily range, rainfall, and no. of rainy days, each mo. (Trans. state agric. socy. 1890: 322.)

MT. HAMILTON

1881-1885. Summary of meteorological observations of each mo. at Lick Observatory, Mt. Hamilton—temperature, rainfall, snow, winds, etc. (Trans. state agric. socy. 1887: 402-405.)

NAPA

1890. Ann. weather summary for Napa City, showing means and extremes of temperature, total precipitation, prevailing winds, no. of days clear, fair, etc., by mos. (Trans. state agric. socy. 1890: 314.)

NICOLAUS

1886-1888. Table giving mean and extremes of temperature each mo., no. of rainy and clear days, rainfall in inches, no. of days frost, and prevailing wind at Nicolaus, Sutter Co., for 1886 and up to Apr. 30, 1887. (Trans. state agric. socy. 1886 (pp. 353-354)—*same* 1889.)

OAKLAND

1876-1889. Oakland ann. meteorological review, showing climatic conditions in all its features for series of yrs.—barometer, temperature, ranges, humidity, rainfall, frost, winds, etc. (Trans. state agric. socy. 1887 (pp. 410-411)—*same* 1889.)

1889. Tables giving mean and extremes of barometer at Oakland, mean and extremes of temperature, warmest and coldest days, greatest daily variation, mo. and daily range, and seasonal temperature; humidity, precipitation, weather, and direction from which wind blew, by mos.; also mo. synopsis. (*Same* 1889: 426-430.)

CLIMATE—cont'd

CALIFORNIA—cont'd

OROVILLE

1884-1887. Climate of Oroville, Butte Co.: tables giving mo. and seasonal means and extremes of temperature; clear, cloudy, fair and foggy days, rainfall, light, heavy, and killing frosts for 4 yrs.; ann. summary; also daily mean and extremes of temperature from Jan., 1886, through Apr., 1887; summary of Apr. weather since 1885 and mo. summary for 1886; also list of altitudes. (Trans. state agric. socy. 1886: 333-348.)

1884-1889. Meteorological record for each mo. of yr., and mo. summary for period beginning with 1884, at Oroville, Butte Co., giving mean and extreme temperatures, rainfall, frosts, no. of days clear, cloudy, etc. (*Same* 1887 (pp. 341-348)—*same* 1889.)

PASO ROBLES

1891. Meteorological table of Southern Coast Range Station at Paso Robles, giving mean and extreme barometer and temperature, precipitation and relative humidity each mo. (A.R. agric. exper. station 1891/2: 152.)

——. Climatic observations near Paso Robles, giving mo. summary of weather in all its features at Southern Coast Range Station. (Trans. state agric. socy. 1891: 226-227.)

PERRIS VALLEY

1894/5. Tabulated weather rept. of Perris Valley, Riverside Co., 6 mos. endg. Mch., 1895; daily temperature and rainfall each mo. and remarks. foldg. table. (A.R. agric. exper. stations 1894/5.)

PLACERVILLE

1890. Ann. weather summary of Placerville, El Dorado Co., giving means and extremes of temperature, precipitation, no. of clear, fair, and cloudy days, by mos. (Trans. state agric. socy. 1890: 311.)

RED BLUFF

1877-1887. Table showing Red Bluff weather. (10 bienn. rept. bd. health 1886/8: 215.)

1877-1890. Comparative table giving climatic condition of Red Bluff, Tehama Co., in all its features, for series of yrs.—temperature, rainfall, barometer, frosts, winds, range of river, etc. (Trans. state agric. socy. 1887 (p. 355)—*same* 1890.)

1891. Weather summary for yr. at Red Bluff, Tehama Co., giving mean and extremes of temperature and barometer, wind, rainfall, etc. (*Same* 1891: 224.)

1891-1901. Comparative table of means and extremes of temperature and rainfall for 10 yrs. at Red Bluff, Sacramento, Fresno, Los Angeles, and S. F. (*Same* 1901: 154.)

1892. Ann. meteorological summary, by mos., at Red Bluff, giving means and extremes of temperature, precipitation, velocity of and prevailing wind, no. of days clear, cloudy, etc., no. of days over 90° and no. below 32°. (*Same* 1892: 215.)

1895. Same. (*Same* 1895: 190.)

RIVERSIDE

1887-1888. Summary of weather at Riverside, San Bernardino Co., for yr.—mean and extremes of mo. temperature, rainfall, and prevailing wind. (Trans. state agric. socy. 1887 (p. 422)—*same* 1888.)

1888. Riverside weather—comparison of climate with points in Cal. and at prominent health resorts. (*Same* 1888: 356-364.)

1890. Ann. summary of weather at Riverside, showing mean and extremes of temperature, total precipitation, no. of clear, fair, cloudy, and rainy days, light frosts and prevailing winds, by mos. (*Same* 1890: 333.)

CALIFORNIA—cont'd

SACRAMENTO

1852-1858. Meteorological tables of Sacramento, Alameda, and Ft. Miller (Fresno Co.); mo. means and extremes of barometer, temperature and humidity, weather, and winds for 1858 and averages and comments on previous yrs. (Trans. state agric. socy. 1858: 302-310.)

1860. Abstr. of meteorological observations for 1860, with averages of 8 yrs. at Sacramento. (*Same* 1860: 294.)

1861. Same; with averages of 9 yrs. at Sacramento. (*Same* 1861: 124.)

1878-1885. Cumulative comparative weather review of vicinity of Sacramento: mean ann. and seasonal barometer, temperature, and humidity, ann. and seasonal rainfall and velocity of wind; also mo. summary. (*Same* 1881 (pp. 145-148)—*same* 1885.)

1878-1888. Table showing comparative weather of Sacramento. (10 bienn. rept. bd. health 1886/8: 189-192.)

1878-1889. Weather review of Sacramento—cumulative comparative tables giving average and extremes of barometer and temperature and range of both, average relative humidity, winds, rainfall, clear, fair, or cloudy days, thunder storms, light and killing frosts, days snow fell, etc., for each mo., for each season, and summary for each yr. (Trans. state agric. socy. 1885 (pp. 259-275)—*same* 1889.)

1878-1891. Cumulative comparative ann. weather review of Sacramento, giving climatic conditions in all its features for series of yrs.; barometer, temperature, rainfall, wind, weather, earthquakes, frosts, etc. (*Same* 1890 (p. 280)—*same* 1891.)

1885/6. Brief review on meteorological condition of Sacramento for each mo. from Jan., 1885, to Aug., 1886, incl. (9 bienn. rept. bd. health 1884/6: 164-169.)

1886/7-1889/90. Mo. and seasonal summary of weather at Sacramento. (Trans. state agric. socy. 1886 (pp. 288-290)—*same* 1890.)

1891-1901. See above, Red Bluff; these dates.

1892. Ann. weather summary, by mos., at Sacramento, giving means and extremes of temperature, precipitation, velocity, and prevailing winds, no. of days clear, cloudy, etc., days above 90° and days below 32°. (Trans. state agric. socy. 1892: 212.)

1895. Same. (*Same* 1895: 191.)

SACRAMENTO VALLEY

1840/1-1851/2. Synopsis of seasons in Sacramento Valley, with comments by Gen. J. Bidwell. (A.R. agric. exper. stations 1897/8: 331.)

1889. Table showing elevation and average temperature and rainfall for stations in Sacramento Valley cos. (Trans. state agric. socy. 1886 (p. 319)—*same* 1889.)

SALINAS VALLEY

1886-1888. Table showing rainfall and average temperature for summer and winter in upper Salinas Valley from observations of 2 yrs. (Bienn. rept. agric. exper. stations 1888/9: 92.)

SAN BERNARDINO

1889. Weather summary for San Bernardino for Jan., Feb., and Mch., giving mean and extremes of temperature and barometer, mean humidity, rainfall, no. of days on which rain fell, no. of days clear, and no. cloudy. (Trans. state agric. socy. 1889: 460-461.)

SAN BERNARDINO COUNTY

1889. Table showing elevation, average seasonal temperature, average and extremes of ann. temperature, and average seasonal rainfall at stations in San Bernardino Co. (Trans. state agric. socy. 1889: 461.)

CALIFORNIA—cont'd

SAN DIEGO

1870/1. Rept. of G. W. Barnes, M. D., on meteorology of San Diego. (1 bienn. rept. bd. health 1870/1: 86-89.)

1887. Table giving San Diego weather summary by mos.—mean and extremes of temperature, no. of days above 90°, no. below 32°, mean relative humidity, velocity of and prevailing wind, rainfall, no. of days clear, foggy, etc. (Trans. state agric. socy. 1887: 399.)

1888. Yrly. summary of weather at San Diego. (*Same* 1888: 369.)

1889. Weather summary for San Bernardino for Jan., Feb., and Mch., giving mean and extremes of temperature and barometer, mean humidity, rainfall, no. of days on which rain fell, no. of days clear, and no. cloudy. (*Same* 1889: 460-461.)

1890. Ann. weather summary for San Diego, showing mean and extremes of temperature, variations, days above 90°, days below 32°, total rainfall, greatest rainfall in 24 hrs., wind velocity, no. of clear, fair cloudy and rainy days, by mos. (*Same* 1890: 336.)

1892. Same. (*Same* 1892: 219.)

1895. Same. (*Same* 1895: 194.)

SAN DIEGO COUNTY

1870/1. Abstr. of rept. of D. B. Hoffman on medical topography etc., of San Diego Co. (1 bienn rept. bd. health 1870/1: 83-86.)

1889. The San Felipe Sink, San Diego Co., and its interesting details as a health resort; article taken from "American Meteorological Journal" for Mch. (Trans. state agric. socy. 1888: 410-411.)

1889-1890. Weather summary for last 6 mos. of 1889 at Julian, San Diego Co., giving means and extremes of temperature and rainfall. (*Same* 1889 (p. 471)—*same* 1890.)

Whole yr. given in 1890.

SAN FRANCISCO

1871-1887. Ann. meteorological review, showing climatic conditions in all its features at S. F. (10 bienn. rept. bd. health 1886/8: 212-213.)

1872-1890. S. F. ann. meteorological review, showing climatic conditions in all its features for series of yrs.—barometer, temperature, ranges, rainfall, dew point, earthquakes, etc. (Trans. state agric. socy. 1888 (pp. 330-331)—*same* 1890.)

1874/5. Remarks on climate of S. F. and of Cal., with special relation to pulmonary disorders; by H. Gibbons. (3 bienn. rept. bd. health 1874/5: 235-242.)

——. Rept. on climate of S. F.; with map of Sacramento, San Joaquin, and Tulare valleys. (3 *same* 1874/5: 110-112.)

1887-1888. Table showing by mos. meteorological conditions for yr. at S. F.—mean and extremes of temperature, no. of days above 90°, no. below 32°, mean relative humidity, prevailing wind and highest velocity, rainfall, no. of days fair, etc. (Trans. state agric. socy. 1887 (p. 416)—*same* 1888.)

1890. Some information as to work of branch signal service office at S. F.; bulls. 1-4, gotten out to define technical meteorological terms, and for information as to character of various forms of atmospheric disturbances with special reference to Pacific States. (*Same* 1890: 358-364.)

1891. Weather summary in all its features for yr. at S. F. (*Same* 1891: 224.)

1891-1901. See above, Red Bluff; these dates.

CLIMATE—cont'd

CALIFORNIA—cont'd

SAN FRANCISCO—cont'd

1892. Ann. meteorological summary, by mos., at S. F., giving means and extremes of temperature, precipitation, velocity of and prevailing winds, no. of clear, cloudy, etc., days, no. of days above 90°, and no. below 32°. (Trans. state agric. socy. 1892: 213.)

1895. Same. (*Same* 1895: 192.)

SAN JOAQUIN VALLEY

1871/3. Rept. on medical topography, climatology, etc., of San Joaquin Valley. (2 bienn. rept. bd. health 1871/3: 103-141.)

1889. Tables showing elevation and average temperature and rainfall for stations in San Joaquin Valley cos. (Trans. state agric. socy. 1886 (p. 320)—*same* 1889.)

1902-1904. Meteorological record at San Joaquin Valley substation—mo. mean and extremes of temperature, with dates of extremes, no. of days 90° or over, no. of days 32° or under, rainfall, and weather, (Rept. agric. exper. stations 1901/3 (p. 180)—*same* 1903/4.)

SAN LUIS OBISPO

1885-1889. Table showing no. of days upon which rain fell and upon which snow fell, no. of days having frost, no. of days fair, clear, cloudy, highest velocity of wind, and mean temperature for each mo. at San Luis Obispo. (Trans. state agric. socy. 1888 (p. 345)—*same* 1889.)

1890. Ann. weather summary for Steele Station, San Luis Obispo Co., showing mean and extremes of temperature and total precipitation for each mo. (*Same* 1890: 327.)

1895. Ann. meteorological summary at San Luis Obispo, giving extremes and means of temperature and pressure, dew point, relative humidity, precipitation, velocity, and direction of wind, no. of days clear, cloudy, etc., by mos. and yrly. averages. (*Same* 1895: 193.)

SANTA BARBARA

1870/1. Rept. of M. H. Biggs on vital statistics and medical topography of Sta. Barbara. (1 bienn. rept. bd. health 1870/1: 75-83.)

1885-1887. General review of weather of Sta. Barbara—tables giving mo. and ann. rainfall and mean and extremes of temperature; also mean and extremes of temperature for each day from Jan. 1, 1886, to Apr. 30, 1887. (Trans. state agric. socy. 1886: 380-391.)

1885-1889. Comparative ann. summary of Sta. Barbara weather, giving mean and extremes of mo. temperature, mean of warmest and coldest day, and rainfall, by mos. (*Same* 1888 (pp. 346-347)—*same* 1889.)

1886/8. Climate comparisons of Sta. Barbara with that of San Remo and Mentone. (10 bienn. rept. bd. health 1886/8: 222-223.)

1888. Same. (Trans. state agric. socy. 1888: 347-349.)

——. Weather for Feb. in Sta. Barbara—highest, lowest, and mean daily temperature. (*Same* 1887: 420.)

1890-1891. Ann. summary of weather at Sta. Barbara, showing mean and extremes of temperature, rainfall, movement of wind, relative humidity, and no. of clear, fair, and cloudy days, by mos. (*Same* 1890 (p. 327)—*same* 1891.)

SANTA CLARA

1890. Ann. weather summary for Sta. Clara, showing means and extremes of temperature, no. of rainy days and light frosts, by mos. (Trans. state agric. socy. 1890: 321.)

CLIMATE—cont'd

CALIFORNIA—cont'd

SANTA MARIA

1890. Ann. weather summary for Sta. Maria, showing mean and extremes of temperature, no. of days clear, cloudy, etc., rainfall, light and killing frosts, and prevailing winds, by mos. (Trans. state agric. socy. 1890: 326.)

SANTA MONICA

1896/7-1897/8. Notes on climate at Sta. Monica; tables giving statistics of rainfall, by mos., also mo. means and extremes of temperature; comparison with Los Angeles and Pomona. (A.R. agric. exper. stations 1897/8: 341-342.)

1902-1904. Meteorological record at Sta. Monica forestry station—mo. means and extremes of temperature, dates of extremes, no. of days 90° or over, no. of days 32° or under, rainfall, and weather. (*Same* 1901/3 (p. 199)—*same* 1903/4.)

SONOMA

1889/90. Seasonal summary of weather at Sonoma, showing means and extremes of temperature, total precipitation, prevailing winds, and no. of days clear, fair, etc., by mos. (Trans. state agric. socy. 1890: 316.)

STOCKTON

1854-1855. Meteorological observations made at state insane asylum, Stockton. (Rept. insane asylum 1854 (pp. 35-48)—*same* 1855.)

SURPRISE VALLEY

1884/6. Rept. on topography, botany, climatology, and diseases of Surprise and Goose Lake Valleys. (9 bienn. rept. bd. health 1884/6: 170-209.)

SUSANVILLE

1889-1890. Weather rept. of Susanville, Lassen Co., giving mean and extremes of temperature, rainfall, and snowfall, by mos. (Trans. state agric. socy. 1889 (p. 412)—*same* 1890.)

SUTTER CREEK

1887-1889. Comparative table giving rainfall and mean and extremes of temperature at Sutter Creek, Amador Co., by mos. and yrs. (Trans. state agric. socy. 1889 (p. 379)—*same* 1889.)

SWEETWATER DAM

1889. Weather summary for last 6 mos. at Sweetwater Dam, San Diego Co., giving mean and extremes of temperature, rainfall, and prevailing wind. (Trans. state agric. socy. 1889: 471.)

1890. Ann. weather summary for Sweetwater Dam, San Diego Co., showing mean and extremes of temperature, total precipitation, no. of clear, fair, and cloudy days, frosts, and prevailing winds, by mos. (*Same* 1890: 337.)

VACAVILLE

1890. Ann. weather summary at Vacaville, Solano Co., showing means and extremes of temperature, total precipitation, and no. of rainy days, by mos. (Trans. state agric. socy. 1890: 312.)

VISALIA

1888-1890. Comparative table giving no. of rainy days and average rainfall, extremes and average temperature, extremes of barometer, no. of clear and no. of cloudy days, by mos. and yrs. (A.R. bd. hortic. 1892: 299.)

1890. Climatic features and peculiarities of Visalia. (Trans. state agric. socy. 1890: 324-325.)

WHEATLAND

1887-1890. Table giving means and extremes of mo. temperature and rainfall at Wheatland. (Trans. state agric. socy. 1888 (pp. 299, 322)—*same* 1890.)
No. of rainy days and prevailing wind added in 1890.

CLIMATE—cont'd

CALIFORNIA—cont'd

YOLO COUNTY

1891. Table giving mean average mo. temperature at various points in Yolo Co. (A.R. bd. hortic. 1891: 313.)

YUBA COUNTY

1888. Climate of Yuba and Sutter cos. compared with that of eastern and southern Cal. (Trans. state socy. 1888: 301-303.)

NEVADA

1879-1886. Wind velocity, temperature, rainfall, clear, fair, cloudy, and days rain fell at Carson City, Nev., from 1879. (Trans. state agric. socy. 1886: 405-406.)

1891-1892. Ann. weather summary at Carson City., Nev., by mos., giving means and extremes of temperature, date of extremes, mo. and daily range, precipitation, days on which rain fell, etc. (*Same* 1891 (p. 246)—*same* 1892.)

OREGON

1891-1892. Ann. weather summary at Roseburg, Ore. (Trans. state agric. socy. 1891 (p. 245)—*same* 1892.)

Cyclones

1890. Charts of Pacific Coast cyclone tracks and precipitation; the blackboard weather map and the daily weather map and its use in state; by J. P. Finley, lieut. signal corps. (Trans. state agric. socy. 1890: 340-354.)

Drought

1864-1871. Lessons of drought of 1863 and 1864; comparison of conditions then and those of drought of past 2 yrs.; agric. expansion, diversity of products, fruits, and stock. (Trans. state agric. socy. 1870/1: 3-9; 45-55.)

1871. The drought of this season proves necessity of adoption of some general plan of irrigation and reclamation throughout each of large open valleys of state; immediate consideration of the subject by legisl. commended. (*Same* 1870/1: 25-26.)

Floods

1850. Floods prevalent. (Govs. ann. mess. 1851.)

1861. Co. surveyor on flood in Yolo Co. (A.R. surveyor gen. 1862: 98-100.)

——. Letters on flood in Stanislaus Co. (*Same* 1862: 100-102.)

1862. Rept. on no. of valuable works injured by flood. (Assem. jol. 13 sess. pp. 186-188.)

——. Flood statistics showing extent of floods of 1862, as compared with those of former yrs. (A.R. surveyor gen. 1862: 42-44.)

Frosts

1890-1895. Southern Coast Range Station; comparative table showing spring frosts; minimums and dates. (A.R. agric. exper. stations 1894/5: 374.)

1893-1896. Table giving statistics of killing frosts; their no. and intensity, at Foothill Station. (*Same* 1895/7: 327.)

1894-1899. Notes on climate at Tulare Station; table giving no. of severe frosts, by mos. (*Same* 1897/8: 294-295.)

1895. Frost: how and when to prevent injury thereby; table of temperature at which various plants are liable to receive injury from frosts. (Trans. state agric. socy. 1895: 195-201.)

1896. Table giving winter and spring frosts at Tulare. (Bienn. rept. agric. exper. stations 1895/7: 353.)

Rainfall

1870/1. Chart of rainfall on C. P. R.R. and vicinity, through Cal., Nev., and Utah. (1 bienn. rept. bd. health 1870/1 foldg. chart facing 74.)

CLIMATE—cont'd

Rainfall—cont'd

1885/6. Mo. rainfall averages on Pacific Coast. (9 *same* 1884/6: 158-163.)

1886/7. Rainfall table for entire Pacific Coast and Nev., giving mo. rainfall for each point named, total for season of 1886/7 and total for last season. (Trans. state agric. socy. 1886: 306-311.)

1887. Mo. rainfall table for entire Pacific Coast and Nev., giving also ann. and normal precipitation. (*Same* 1887: 432-436.)

——. The arid region—Greely's stmt. of rainfall beyond the Mississippi. (*Same* 1887: 471-472.)

CALIFORNIA

The following material relates to rainfall specifically. See also general group, above, under climate.

1849-1866/7. Table showing amt. of rain falling at different points in state every winter. (Bienn. rept. surveyor gen. 1865/7: 46.)

1849/50-1884/5. Comparative summary of seasonal rainfall at 20 stations, extending from San Diego to Siskiyou, and from S. F. to Georgetown. (Trans. state agric. socy. 1884 (p. 246)—*same* 1885.)

1862-1892. Table giving mo. and ann. average rainfall, in inches, at different weather bureau stations in Cal.; also maximum seasonal amt. (A.R. bd. hortic. 1892: 31.)

1866/7. Table of rainfall for winter of 1866/7. (Bienn. rept. surveyor gen. 1865/7: 45.)

1870-1871. Comparative table showing rainfall at various stations of Central Pacific, Cal. Pacific, S. F., North Pacific, Cal. and Ore., and San Joaquin Valley r.rs. (Trans. state agric. socy. 1870/1: 356-357.)

1878. The rainfall in Cal. Its distribution, its periodicity and its probabilities; by G. F. Becker. 10 pp. (Univ. of Cal. Bull. 31.)

1879. Tables showing comparison betw. average mo. and quarterly rainfall in great valleys of Cal. with that over some of irrigation regions of other countries. (Rept. state engr. 1878/9 pt. 4: 18-19.)

——. Table showing average mo. rainfall on east side of great central valley of Cal. (*Same* 1878/9 pt. 4: 21.)

1884-1886. Tabular stmts. giving rainfall for Jan., 1886, for each place named from Ft. Jones on north to Poway on south, together with total rainfall for season 1884/5 up to Feb. 1, and rainfall for last season; also average Jan. and seasonal rainfall, as obtained from series of yrs., with rainfall for season and mo. endg. Jan. 31, 1886. (Trans. state agric. socy. 1885: 258-259.)

1885/6. Table showing rainfall and melted snow for each mo. during season. (9 bienn. rept. bd. health 1884/6: 152-157.)

——. Rainfall table for Cal. at 135 different points, giving average rainfall for Feb. for from 1 to 37 yrs., and total for yr.; also average of many seasons up to and including last day of Feb., along with total for season up to Mch. (Trans. state agric. socy. 1885: 260-262.)

1886-1888. Seasonal rainfall at certain named stations. (10 bienn. rept. bd. health 1886/8: 206-211.)

[1889.] Table showing average mo. rainfall, together with yrly. average, and greatest amt. that has ever been precipitated during any season, as also least amt. at 60 places in Cal.—average mean calculated from data of from 5 to 40 yrs. (9 A.R. state mineralogist 1888/9: 314-315.)

——. Record showing average rainfall for each mo., along with yrly. average, and greatest amt. that has ever been precipitated in any season, also least amt. for all stations in Cal.; data compiled by Gen.

CLIMATE—cont'd
Rainfall—cont'd
CALIFORNIA—cont'd
A. W. Greely from many yrs. of observation. (Trans. state agric. socy. 1888 (pp. 384-390)—*same* 1889.)
1893. Rainfall for yr. at voluntary observer stations and stations of light-house dept. (*Same* 1893: 193.)
ARCATA
1886/7-1889/90. Comparative table giving rainfall at Arcata, Humboldt Co., by mos. and seasons. (Trans. state agric. socy. 1890 (pp. 292-293)—*same* 1890.)
CHINO VALLEY
1893/4-1898/9. Table showing mo. rainfall in Chino Valley. (A.R. agric. exper. stations 1897/8: 309.)
COLUSA
1872-1890. Cumulative comparative rainfall table for Colusa, giving mo., ann., and seasonal rainfall; also totals and averages for whole period. (Trans. state agric. socy. 1884 (p. 242)—*same* 1890.)
EL DORADO COUNTY
1879-1890. Cumulative comparative rainfall table of Placerville, El Dorado Co., giving seasonal, ann., and mo. rainfall; also totals and averages for whole period. (Trans. state agric. socy. 1884 (p. 240)—*same* 1890.)
FOLSOM
1871-1890. Cumulative comparative rainfall table for Folsom, Sacramento Co., giving mo., ann., and seasonal rainfall; also totals and averages for whole period. (Trans. state agric. socy. 1884 (p. 238)—*same* 1890.)
FORT ROSS
1874-1890. Rainfall record at Ft. Ross, Sonoma Co., by mos., yrs. and seasons. (Trans. state agric. socy. 1889 (p. 422)—*same* 1890.)
GEORGETOWN
1872-1890. Cumulative comparative rainfall table for Georgetown, El Dorado Co., giving ann., seasonal, and mo. rainfall; also totals and averages for whole period. (Trans. state agric. socy. 1884 (p. 240)—*same* 1890.)
GRASS VALLEY
1873-1890. Cumulative comparative rainfall table for Grass Valley, Nevada Co., giving ann., seasonal, and mo. rainfall; also totals and averages for whole period. (Trans. state agric. socy. 1884 (p. 241)—*same* 1890.)
HYDESVILLE
1888. Yrly. rainfall summary at Hydesville. (Trans. state agric. socy. 1888: 321.)
IOWA HILL
1879-1890. Comparative rainfall table at Iowa Hill, Placer Co., giving mo., ann., and seasonal rainfall. (Trans. state agric. socy. 1888 (p. 289)—*same* 1890.)
1889/90-1895/6. Comparative table giving statistics of seasonal rainfall at Foothill station. (Bienn. rept. agric. exper. stations 1895/7: 326.)
1897/8-1898/9. Notes on climate at Foothill station; tables giving statistics of mo. rainfall and of frosts. (*Same* 1897/8: 267-268.)
LAKE LAGUNITAS
1880-1902. Comparative table showing mo., yrly., and seasonal rainfall at Lake Lagunitas. (Trans. state agric. socy. 1901: 267.)
LODI
1887-1890. Comparative table giving mo. and ann. rainfall at Lodi, San Joaquin Co. (Trans. state agric. socy. 1889 (p. 447)—*same* 1890.)

CLIMATE—cont'd
Rainfall—cont'd
CALIFORNIA—cont'd
LOS ANGELES
1872-1890. Cumulative comparative rainfall table for Los Angeles—mo., ann., and seasonal. (Trans. state agric. socy. 1888 (p. 354)—*same* 1890.)
1877-1886. Cumulative comparative rainfall table at Los Angeles, giving mo., ann., and seasonal rainfall; also averages and totals for whole period. (*Same* 1884 (p. 233)—*same* 1886.)
1878-1891. Comparative table giving mo., ann., and average precipitation at Los Angeles. (A.R. bd. hortic. 1892: 138.)
1893/4-1897/8. See below, these dates; Santa Monica.
MARYSVILLE
1882-1886. Cumulative comparative rainfall tables for Marysville, Yuba Co., giving mo., ann., and seasonal rainfall; also totals and averages for whole period. (Trans. state agric. socy. 1884 (p. 242)—*same* 1886.)
MERCED CITY
1877-1892. Comparative table giving seasonal rainfall at Merced City from 1877 to 1887 and mo. rainfall from 1887. (A.R. bd. hortic. 1892: 158.)
MT. HAMILTON
1880/1-1888/9. Comparative table giving mo. and ann. rainfall at Lick Observatory, Mt. Hamilton. (Trans. state agric. socy. 1889: 442.)
NICOLAUS
1877/8-1887/8. Comparative table of mo. and seasonal rainfall at Nicolaus, Sutter Co. (Trans. state agric. socy. 1887: 325.)
OAKLAND
1873-1889. Cumulative comparative rainfall table of Oakland, Alameda Co., giving mo., ann., and seasonal rainfall; also totals and averages for whole period. (Trans. state agric. socy. 1884 (p. 236)—*same* 1889.)
OROVILLE
1884-1888. Cumulative comparative rainfall table of Oroville, giving mo., ann., and seasonal rainfall; also totals and averages for whole period. (Trans. state agric. socy. 1885 (p. 251)—*same* 1888.)
PASO ROBLES
1897/8-1902/3. Table giving seasonal rainfall at Paso Robles, by mos. (Rept. agric. exper. stations 1901/3: 175.)
POMONA
1893/4-1894/5. Table giving mo. rainfall at Southern Cal. Station for 2 yrs. (A.R. agric. exper. stations 1894/5: 423.)
1893/4-1897/8. See below, Santa Monica; these dates.
PRINCETON
1875-1887. Cumulative comparative rainfall table for Princeton, Colusa Co., giving mo., ann., and seasonal rainfall; also totals and averages for whole period. (Trans. state agric. socy. 1884 (p. 243)—*same* 1887.)
RED BLUFF
1877-1887. Rainfall at Red Bluff for each calendar yr. and rainfall by seasons. (10 bienn. rept. bd. health 1886/8: 216.)
1877-1890. Cumulative comparative rainfall table for Red Bluff, Tehama Co., giving mo., ann., and seasonal rainfall; also totals and averages for whole period. (Trans. state agric. socy. 1884 (p. 243)—*same* 1890.)
1877-1894. Graphic plates showing mo. rainfall at Red Bluff and Sacramento from Oct. till June, given in two periods, 1877-1887 and 1887-1894. (Rept. comr. public works 1893/4 plates 1-4.)

CLIMATE—cont'd
Rainfall—cont'd
CALIFORNIA—cont'd
RIVERSIDE
1880-1889. Comparative table giving ann. rainfall at Riverside. (Trans. state agric. socy. 1889: 460.)
1880-1890. Comparative rainfall record by mos., yrs., and seasons at Riverside. (*Same* 1890: 334.)
SACRAMENTO
1849-1874. Comparative rain table of Sacramento, arranged according to seasons, showing amt. of rain in inches, of each mo. of yr., and for each rainy season; also no. of rainy and foggy days during which amt. of rain fell in each mo. in same period. (Trans. state agric. socy. 1874: 237-239.)
——. Tables of rainy days and rain at Sacramento and S. F. (3 bienn. rept. bd. health 1874/5: 100-102.)
1849-1886. Rainfall at Sacramento. (9 *same* 1884/6: 169.)
1849-1888. Rainfall from Sept., 1849, to Sept., 1888, at Sacramento. (10 *same* 1886/8: 201.)
——. Rainfall for spring, summer, autumn, winter, and total for each yr. at Sacramento. (10 *same* 1886/8: 199.)
1849-1889. Cumulative comparative table giving rainfall for each season in yr., ann. rainfall, and seasonal, at Sacramento. (Trans. state agric. socy. 1886 (p. 283)—*same* 1889.)
1849-1891. Cumulative comparative table giving mo., seasonal, and ann. rainfall of Sacramento, and totals and averages for whole period. (*Same* 1881 (p. 145)—*same* 1891.)
1849/50-1860/1. Table of rains at Sacramento City, arranged according to seasons, showing amt. in inches each mo., etc. (*Same* 1860: 295.)
1849/50-1861/2. Table of rains at Sacramento. . . . . (*Same* 1861: 125.)
1849/50-1868/9. Table giving data of first and last rains, and of beginning and endg. of each rainy season; also amt. of rain which fell before end of yr. and amt. after end of yr., in each season, for Sacramento and S. F., also for Red Dog from 1861 to 1865, Vacaville 1868/9, and Shingle Spring for 1866/7. (*Same* 1868/9: 237.)
1849/50-1871/2. Cumulative comparative table of rains at Sacramento, arranged according to seasons, showing amt. in inches each mo., also mean quantity for each mo. and mean ann. amt. (*Same* 1859 (p. 352)—*same* 1872.)
1850-1863. Comparative table showing ann. amt. of rain at Sacramento, in inches, ann. assessment of real and personal property in state, and ann. receipts into state treasury, as collected upon property thus assessed, and all other sources. (*Same* 1863: 263.)
1850-1889. Table giving daily normal precipitation at Sacramento. (*Same* 1887 (p. 283)—*same* 1889.)
1852/3-1885/6. Cumulative comparative tables giving amt. of rainfall and no. of days rain fell in each mo. of each season of yr., total for each season and each yr.; also mean temperature for each mo., each season, and total for yr., at Sacramento. (*Same* 1882 (pp. 138-148)—*same* 1885.)
1861/2. Table giving inches of rain falling at Sacramento during mos. of Dec., 1861, and Jan., 1862; also mean of thermometer during same time. (A. R. surveyor gen. 1862: 49.)
1877-1889. Table giving date and total amt. of heaviest rainfalls at Sacramento each yr. (Trans. state agric. socy. 1888 (p. 264)—*same* 1889.)
1878-1885. Table giving total no. of clear, fair, and cloudy days, and no. of days on which rain was precipitated at Sacramento. (9 bienn. rept. bd. health 1884/6: 167.)

CLIMATE—cont'd
Rainfall—cont'd
CALIFORNIA—cont'd
SACRAMENTO VALLEY
1843-1883. Rain phenomena of Sacramento Valley; by Prof. A. F. Goddard. (Trans. state agric. socy. 1883: 183-195.)
1880-1887. Cumulative comparative rainfall table of Reed's R.R. Camp, Upper Sacramento River, giving mo., ann., and seasonal rainfall; also totals and averages for whole period. (*Same* 1884 (p. 244)—*same* 1887.)
No returns in 1885 and 1886.
SALINAS
1872-1889. Cumulative comparative rainfall table for Salinas, Monterey Co., giving ann., mo., and seasonal rainfall; also averages and totals for whole period. (Trans. state agric. socy. 1884 (p. 234)—*same* 1889.)
1872/3-1889/90. Tables giving ann., mo., and total rainfall at Salinas City since 1872, and mean and extreme temperature since 1885. (A.R. bd. hortic. 1892: 172.)
SAN BERNARDINO
1870-1890. Cumulative comparative table of rainfall at San Bernardino, San Bernardino Co., giving mo., ann., and seasonal rainfall; also totals and averages for same period. (Trans. state agric. socy. 1885 (p. 244)—*same* 1890.)
SAN DIEGO
1871-1888. Cumulative comparative rainfall table at San Diego, giving mo., ann., seasonal rainfall, and totals and averages for whole period. (Trans. state agric. socy. 1884 (p. 233)—*same* 1888.)
1872-1901. Comparative table showing ann. rainfall in city of San Diego. (*Same* 1901: 363.)
SAN DIEGO COUNTY
1878-1887. Cumulative comparative rainfall table at Poway, San Diego Co., giving mo., ann., seasonal, and totals and averages for whole period. (Trans. state agric. socy. 1884 (p. 232)—*same* 1887.)
SAN FRANCISCO
1849-1874. See above, Sacramento; these dates.
1849-1875. Comparative rain table of S. F., arranged according to seasons, showing amt. of rain, in inches, of each mo., and for each rainy season; also no. of rainy and foggy days during which amt. of rain fell in each mo. (Trans. state agric. socy. 1874 (pp. 234-236)—*same* 1875.)
1849-1890. Cumulative comparative table showing mo., ann., and seasonal rainfall; also totals for whole period at S. F. (*Same* 1884 (p. 235)—*same* 1890.)
1849/50-1868/9. See above, Sacramento; these dates.
1849/50-1876/7. Diagram and table showing relation betw. amt. of rain falling before and after Jan. 1, in each yr. in S. F. (Trans. state agric. socy. 1877: 111-112.)
1850-1871. Comparative tables showing amt. of rain in each mo. in S. F.; total amt. in each rainy season; also maximum and minimum rain in each mo. and average quantity for whole period. (*Same* 1868/9 (p. 236)—*same* 1870/1.)
1850/1-1863/4. Comparative table showing amt. of rain at S. F., in inches, of each mo. and each yr. for series of yrs.; also total amt. for each corresponding mo., whole amt. during that time, mean amt. for each mo., and mean yrly. amt. (*Same* 1863: 204.)
1877/8-1894/5. Comparative table showing rainfall at S. F. for series of yrs., and crop of wheat raised. (*Same* 1887 (p. 244)—*same* 1895.)
SAN JOAQUIN
1870/1-1886/7. Table giving ann. and mo. rainfall in San Joaquin. (A.R. bd. hortic. 1892: 223.)

CLIMATE—cont'd
Rainfall—cont'd
CALIFORNIA—cont'd
SAN JOAQUIN VALLEY
1851-1857. Comparative tables giving mo. rainfall in San Joaquin Valley. (Trans. state agric. socy. 1858: 344.)
SAN LUIS OBISPO COUNTY
1869/70-1888/9. Comparative table giving ann. and mo. rainfall at San Luis Obispo. (Trans. state agric. socy. 1888 (p. 344)—*same* 1889.)
1888. Climate of San Luis Obispo Co.; table comparing rainfall with other points in Cal. and U. S. (*Same* 1888: 342-345.)
SAN RAFAEL
1875/6-1900/1. Comparative rainfall table of San Rafael, giving mo., yrly., and seasonal rainfall. (Trans. state agric. socy. 1901: 267.)
SANTA BARBARA
1868-1891. Cumulative comparative rainfall table for Sta. Barbara, giving ann., mo., and seasonal rainfall; also average and totals for whole period. (Trans. state agric. socy. 1886 (p. 293)—*same* 1891.)
Not found in yrs. 1888-1890.
1870-1886. Observations and tabular stmts. of seasonal rainfall near Sta. Baraba. (*Same* 1885 (pp. 256-258)—*same* 1886.)
SANTA MONICA
1893/4-1897/8. Comparative rainfall stmt., in inches, at Sta. Monica, Los Angeles, and Pomona. (A.R. agric. exper. stations 1897/8: 341.)
SANTA ROSA
1853/4-1891. Table giving ann. rainfall in inches at Sta. Rosa, since its early settlement. (A.R. bd. hortic. 1892: 274.)
1854-1901. Comparative table showing ann. rainfall at Sta. Rosa for series of yrs. (Trans. state agric. socy. 1901: 422.)
1875/6-1880/1. Rept. of ann. rainfall at Sta. Rosa. (2 A.R. bd. vitic. comrs. 1881: 30.)
SCOTT VALLEY
1859-1890. Cumulative comparative rainfall table of Scott Valley, Siskiyou Co., giving mo., ann., and seasonal rainfall; also totals and averages for whole period. (Trans. state agric. socy. 1884 (p. 245)—*same* 1890.)
SHASTA
1892. Average mo. rainfall, in inches, at different points in Shasta Co. for a period of 5 yrs. (A.R. bd. hortic. 1892: 259.)
SHINGLE SPRINGS
1849-1868. Comparative table showing mo., ann., and seasonal rainfall at Shingle Springs, El Dorado Co.; also totals and averages for whole period. (Trans. state agric. socy. 1884: 239.)
SISKIYOU COUNTY
1892. Table giving average mo. rainfall at different points in Siskiyou Co. for a period of 10 yrs. (A. R. bd. hortic. 1892: 266.)
SOLANO COUNTY
1882-1892(?). Table giving average mo. rainfall, covering period of 10 yrs., at different points in Solano Co. (A.R. bd. hortic. 1892: 269.)
SONOMA
1885/6-1889/90. Comparative summary of rainfall at Sonoma, by seasons and mos. (Trans. state agric. socy. 1890: 317.)
STOCKTON
1849-1890. Comparative table giving rainfall at Stockton, by mos., yrs., and seasons. (Trans. state agric. socy. 1890: 423-425.)
CLIMATE—cont'd
Rainfall—cont'd
CALIFORNIA—cont'd
STOCKTON—cont'd
1870-1900. Comparative table showing mo. and yrly. rainfall at Stockton. (*Same* 1901: 373.)
1871/2-1879/80. Comparative table giving ann. rainfall at Stockton. (1 A.R. bd. vitic. comrs. rev. ed. 1880: 25.)
TULARE
1892/3-1896/7. Table giving mo. rainfall at Tulare Station. (A.R. agric. exper. stations 1894/5 (p. 457)—bienn. rept. *same* 1895/7.)
UKIAH
1877-1891. Tables giving mo., ann., average, and seasonal precipitation at Ukiah, Mendocino Co. (A.R. bd. hortic. 1892: 151-152.)
VACAVILLE
1880-1890. Cumulative comparative table of rainfall at Vacaville, Solano Co., giving ann., seasonal, and mo. rainfall; also totals and averages for the whole period. (Trans. state agric. socy. 1886 (p. 296)—*same* 1890.)
VALLEY SPRINGS
1887-1890. Rainfall table of Valley Springs, giving rainfall, by mos., yrs., and seasons. (Trans. state agric. socy. 1890: 294.)
VISALIA
1877-1887. Cumulative comparative rainfall table for Visalia, Tulare Co., giving mo., ann., and seasonal rainfall; also totals and averages for whole period. (Trans. state agric. socy. 1884 (p. 234)—*same* 1887.)
No returns in 1885 and 1886.
1888-1890. Comparative rainfall table for Visalia, giving rainfall by yrs. and mos. (*Same* 1890: 325.)
WEAVERVILLE
1871/2-1883/4. Comparative table, giving by mos. and seasons, amt. of rainfall and melted snow precipitated at Weaverville, Trinity Co. (Trans. state agric. socy. 1883: 163.)
1871/2-1886/7. Comparative table, showing mo., seasonal, and ann. rainfall at Weaverville, Trinity Co., total rain and snowfall for whole period. (*Same* 1887 (p. 385)—*same* 1887.)
WEST BUTTE
1879-1890. Cumulative comparative table of rainfall at West Butte, Sutter Co., giving ann., seasonal, and mo. rainfall; also totals and averages for whole periods. (Trans. state agric. socy. 1885 (p. 251)—*same* 1890.)
WOODLAND
1872/3-1890/1. Comparative table, giving ann., mo., and seasonal rainfall at Woodland, Yolo Co. (A.R. bd. hortic. 1892: 314.)
1873-1890. Cumulative comparative rainfall table of Woodland, Yolo Co., giving mo., ann., and seasonal rainfall, and totals and averages for the whole period. (Trans. state agric. socy. 1887 (p. 322)—*same* 1890.)
YREKA
1872-1886. Cumulative comparative rainfall table of Yreka, Siskiyou Co., giving mo., ann., and seasonal rainfall; also totals and averages for whole period. (Trans. state agric. socy. 1884 (p. 244)—*same* 1886.)
Snowfall
1890. Cal. snowslides: storms and avalanches in a Mona Co. town. (Trans. state agric. socy. 1889: 491-492.)

CLIMATE—cont'd

Temperature

1887. Table giving mean mo. and ann. temperature at Southern Pacific stations in Cal., Nev., Utah, Ariz., N. M., and Texas; also highest and lowest temperature observed and lowest Jan. (Trans. state agric. socy. 1887: 428-431.)

CALIFORNIA

1854-1877. The climate of Cal.: temperature distributions of interior valleys of state, and effects the great deserts of Cal. and Nev. have upon it; conclusions drawn from 25 yrs'. observation by B. B. Redding. (Trans. state agric. socy. 1877: 123-140.) Reprinted in Transactions of 1885.

1859. Hot wave of 1859 in Cal.; birds drop down dead from trees, and the wind burns up the earth like a sirocco. (*Same* 1889: 487-490.)

1869/70-1889/90. Comparative table giving date of first and last light and killing frosts; also minimium temperature of each, and date of blooming fruit trees each yr. for series of yrs. (*Same* 1886 (p. 287)—*same* 1890.)

1871. Table of temperature and humidity in S. F., Sacramento, Summit, and Truckee. (4 bienn. rept. bd. health 1876/7: 51.)

1871-1885. Table showing rainfall and average and extreme temperature for summer and winter in Sierra foothills of Central Cal., from observations of 15 yrs. on Central Pacific R.R. stations. (Bienn. rept. agric. exper. stations 1888/9: 54.)

1876. Tables showing mean temperature and humidity at S. F., Sacramento, Sta. Barbara, Newport, Sta. Cruz, Los Angeles, and Atlas Peak. (4 bienn. rept. bd. health 1876/7: 86-92.)

1876/7. Chart of temperature and humidity of S. F., Sta. Cruz, Sta. Barbara, Sta. Monica, Los Angeles, San Diego, and Sacramento. (4 *same* 1876/7 facing p. 40.)

1885. Comparative seasonal temperature tables for Cal., other portions of U. S., and health resorts in Europe and Mexico. (Trans. state agric. socy. 1885: 263-264.)

1885-1889. Table giving general temperature of places outside of U. S. for comparison with that of Cal. (*Same* 1886 (p. 357)—*same* 1889.)

1886-1888. Mo. and ann. mean temperature at certain named points in Cal. (10 bienn. rept. bd. health 1886/8: 202-203.)

1888. Northern Cal. temperature; by J. A. Barwick. (Trans. state agric. socy. 1887: 285-287.)

——. Extracts from newspapers re. cold wave of Jan. —the coldest weather in state since 1854. (*Same* 1887 (pp. 303-312)—*same* 1888.)

1888-1890. Comparison of minimum temperature for Jan. and Feb. for 3 yrs. of two citrus belts of Cal. (*Same* 1889: 479-483.)

1893/4-1897/8. Notes on climate of Southern Coast Range; table giving daily mean and extremes of temperature each mo. and dates of extremes. (A. R. agric. exper. stations 1894/5 (pp. 371-373)—*same* 1897/8.)

CHINO

1889. Wkly. averages of temperature at Chino, San Bernardino Co. (Trans. state agric. socy. 1889: 463.)

FORT BIDWELL

1866/7-1885/6. Comparative meteorological table for Ft. Bidwell, showing mean and extremes of temperature, prevailing winds, and rainfall in inches, by mos. and yrs.; also mean mo. temperature for 20 yrs. (Trans. state agric. socy. 1886: 397-400.)

CLIMATE—cont'd

Temperature—cont'd

CALIFORNIA—cont'd

FRESNO COUNTY

1879-1881. Mo. records of mean and extremes of temperature made by F. L. Eisen at Eisen Vineyard, Fresno Co. (2 A.R. bd. vitic. comrs. 1881: 55.)

1881/2. Mo. record of mean and extremes of temperature at Washington Irrigated Colony, Fresno Co., from Sept., 1881, to Feb., 1882. (2 *same* 1881: 56.)

LAKE COUNTY

1885-1891. Cumulative comparative table giving average maximum and minimum temperatures at Red Hill Ranch, Upper Lake, Lake Co., by mos. and yrs.; also normal temperature by mos. for whole period. (Trans. state agric. socy. 1890 (p. 222)—*same* 1891.)

LODI

1882-1889. Comparative table showing mean temperature of Lodi, San Joaquin Co., at sunrise, at 2 p. m., and at sunset for each mo.; also average mo. precipitation. (Trans. state agric. socy. 1887 (pp. 373-374)—*same* 1889.)

LOS ANGELES

1877-1889. Table showing no. of days in each mo. and each yr. the temperature was above 90° and below 32° at Los Angeles. (Trans. state agric. socy. 1890: 330.)

1877-1891. Comparative table giving mean and extreme temperature of Los Angeles, by mos. (A.R. bd. hortic. 1892: 136-137.)

1880-1890. Comparative tables showing mean and extremes of temperature at Los Angeles, no. of clear, fair, and cloudy days, by yrs. and mos. (Trans. state agric. socy. 1890: 329; 332.)

LOS ANGELES COUNTY

1870-1875. Table showing summary of thermometric observations at Summit Hill, Los Angeles Co. (6 bienn. rept. bd. health 1879/80: 99.)

MERCED

1879-1881. Mo. record of mean and extremes of temperature at Merced for 3 yrs. (2 A.R. bd. vitic. comrs. 1881: 60.)

MODESTO

1879-1881. Mo. record of mean and extremes of temperature at Modesto, Stanislaus Co. (2 A.R. bd. vitic. comrs. 1881: 60.)

MONTEREY

1863-1864. Table of max. heat and cold, no. of nights frost, days cloudy, amt. of rainfall, winds, etc., at Monterey. (A.R. surveyor gen. 1864: 78.)

1882-1887. Comparative table giving mean and extremes of temperature at Monterey; also mo. rainfall. (Trans. state agric. socy. 1887: 392.)

MT. HAMILTON

1881-1882. Comparative table giving extremes of temperature on Mt. Hamilton each mo. for 2 yrs.; also mean maximum and mean minimum. (A.R. agric. exper. stations 1891/2: 169.)

1888/9. Table giving highest and lowest temperatures each mo. at Lick Observatory from July, 1888, to Dec., 1889. (Trans. state agric. socy. 1889: 443.)

NAPA

1877-1889. Comparative meteorological rept. of Napa City, giving means and extremes of temperature, rainfall, and no. of rainy days, by mos. and yrs. (Trans. state agric. socy. 1888 (pp. 322-325)—*same* 1889.)

CLIMATE—cont'd
Temperature—cont'd
CALIFORNIA—cont'd
OAKLAND
1876-1886. Meteorology of Oakland—careful daily observations during each yr; relative humidity; barometrical pressure; mo. meteorological synopsis; synopsis of climate; table of comparative ann. meteorology. (Trans. state agric. socy. 1884 (pp. 247-252)—*same* 1886.)
1876-1888. Comparative table showing mean temperature of each season at Oakland, extremes of temperature, mean and lowest relative humidity, and rainfall. (Bienn. rept. agric. exper. stations 1888/9: 22-23.)
1876-1889. Comparative table showing temperature of each season and difference betw. warmest and coldest at Oakland. (Trans. state agric. socy. 1889: 428.)
POMONA
1894-1895. Temperature rept. of Southern Cal. station for 1894 and part of 1895; daily mean and extremes and mo. and dates of extremes. (A.R. agric. exper. stations 1894/5: 423.)
RED BLUFF
1875-1887. Average highest and lowest temperature and total rainfall for each yr.; also highest and lowest temperature from r.r. records at Red Bluff. (10 bienn. rept. bd. health 1886/8: 216.)
RIVERSIDE
1882-1889. Meteorological record of Riverside, mean and extremes of mo. temperature and average maximum and minimum for each mo. and each yr. (Trans. state agric. socy. 1889: 458-459.)
1888. "Riverside Press" signal service weather record, showing mean and extremes of temperature, humidity, barometer, and prevailing wind for each day of each mo. (*Same* 1888: 358-363.)
SACRAMENTO
1850-1874. Table showing mean temperature of each mo. for 24 yrs., in S. F.; do. in 22 yrs., in Sacramento. (3 bienn. rept. bd. health 1874/5: 109.)
1851-1869. Comparative meteorological tables showing mean and extremes of temperature each mo. at Sacramento since 1853 and at S. F. since 1851; also mean temperature of each yr., and of whole period covered. (Trans. state agric. socy. 1868/9: 229-234.)
1853-1874. Table showing mean temperature of each mo. at Sacramento. (3 bienn. rept. bd. health 1874/5: 106-107.)
1853-1875. Comparative table giving mean temperature of each mo. at Sacramento, deduced from three daily observations; also mean temperature of each yr., and average for whole period. (Trans. state agric. socy. 1874 (pp. 240-241)—*same* 1875.)
1853-1886. Average temperature at Sacramento for each yr. (9 bienn. rept. bd. health 1884/6: 167-169.)
1853-1887. Stmt. showing normal temperature for each mo. of yr. for Sacramento. (10 *same* 1886/8: 198-199.)
1853-1888. Table giving mo. normal temperature at Sacramento. (Trans. state agric. socy. 1886 (p. 286)—*same* 1888.)
——. Highest, lowest, and average temperature, with prevailing wind at Sacramento. (10 bienn. rept. bd. health 1886/8: 200.)
1853-1889. Comparative table giving highest, lowest, and average yrly. temperature, along with prevailing direction of wind for each yr. at Sacramento. (Trans. state agric. socy. 1886 (p. 284)—*same* 1889.)

CLIMATE—cont'd
Temperature—cont'd
CALIFORNIA—cont'd
SACRAMENTO—cont'd
1853/4-1887/8. Tabular stmt. showing mean average temperature in Sacramento. (10 bienn. rept. bd. health 1886/8: 193-197.)
1853/4-1888/9. Comparative tables giving mean average mo., seasonal, and ann. temperature for Sacramento since 1853/4, and highest and lowest each yr. since 1878. (Trans. state agric. socy 1886 (pp. 277-282)—*same* 1889.)
1856-1860. Table showing mean daily range of temperature for each mo. at Sacramento. (*Same* 1860: 295.)
1859. Meteorological tables for Sacramento and Ft. Crook, giving mo. means and extremes of temperature, barometer, and humidity, notes on weather and winds. (*Same* 1859: 350-354.)
1863-1875. Table showing mean relative humidity at Sacramento. (3 bienn. rept. bd. health 1874/5: 108.)
1865. Tables giving thermometric mo. means with variations therefrom at Sacramento, during 10 yrs., at S. F., during 9 yrs., at San Diego, during 1 yr., and at Astoria, during 18 mos. (Trans. state agric. socy. 1864/5: 166-168.)
1866-1872. Table showing mean of all highest readings by day, and all lowest readings by night, as noted by thermometrograph, at Sacramento. (3 bienn. rept. bd. health 1874/5: 108.)
1874. Table showing mean temperature of each mo. for 24 yrs. in S. F., and of each mo. in 22 yrs. in Sacramento. (Trans. state agric. socy. 1874: 242.)
1877-1885. Stmt. showing daily normal temperature for each day of each mo. at Sacramento. (10 bienn. rept. bd. health 1886/8: 198.)
1877-1887. Comparative table showing no. of nights considered hot in Sacramento for series of yrs.; lowest temperature on those nights, and when minimum temperature fell no lower than 70°, with mo. date, and temperature. (Trans. state agric. socy. 1887: 293.)
1877-1888. Table giving daily normal temperature for each mo., as deduced from three daily observations for 9 yrs., at Sacramento. (*Same* 1886 (p. 286)—*same* 1888.)
1878-1886. Highest and lowest temperature at Sacramento. (9 bienn. rept. bd. health 1884/6: 168.)
1878-1890. Comparative table giving daily extremes of temperature, and daily and mo. means for the whole period, at Sacramento. (Trans. state agric. socy. 1889: 351-375.)
SACRAMENTO COUNTY
1879-1889. Comparative tables giving highest and lowest temperature for each mo. for series of yrs.; also for each yr. at Florin, Sacramento Co. (Trans. state agric. socy. 1888 (p. 275)—*same* 1889.)
SALINAS
1872-1889. Comparative table giving mean and extreme mo. temperature, mo. average, and highest and lowest for the whole period of yrs., for Salinas, Monterey Co. (Trans. state agric. socy. 1885 (pp. 240-241)—*same* 1889.)
No returns in 1886.
1896-1900. Comparative table showing mean and extremes of temperature at Salinas, by mos. and yrs. (*Same* 1901: 293.)
SAN DIEGO COUNTY
1878-1885. Comparative tables showing mean and extreme mo. temperature for each of a series of yrs. at Poway, San Diego Co.; also average mo. and yrly. temperature, and highest and lowest temperature in the whole period. (Trans. state agric. socy. 1885: 241-242.)

CLIMATE—cont'd
Temperature—cont'd
CALIFORNIA—cont'd
SAN DIEGO COUNTY—cont'd
1879-1887. Comparative table showing highest and lowest mo. temperatures at Poway, San Diego Co. (*Same* 1887 (p. 398)—*same* 1887.)
SAN FRANCISCO
1868-1887. Record of highest and lowest temperatures at S. F. since 1867, giving days when highest temperature was 80° and above, and minimum temperature when it was 32° and below. (Trans. state agric. socy. 1887: 413-414.)
1873-1887. Daily normal temperatures at S. F. (10 bienn. rept. bd. health 1886/8: 214.)
1874. Table showing mean temperature of each mo. for 24 yrs. in S. F., and of each mo. in 22 yrs. in Sacramento. (Trans. state agric. socy. 1874: 242.)
1888-1889. Table of normal temperature for each day of each mo. at S. F., as deduced from three daily observations for 15 yrs. (*Same* 1888 (p. 326)—*same* 1889.)
SAN LUIS OBISPO
1888-1889. Table comparing temperature of 6 coldest mos. at San Luis Obispo with most noted places in world. (Trans. state agric. socy. 1888 (p. 345)—*same* 1889.)
SANTA BARBARA
1876/7. Table of mean temperature and humidity at Sta. Barbara. (6 bienn. rept. bd. health 1879/80: 97.)
SONOMA VALLEY
1881. Record of daily meteorological observations by R. P. Hall in Sonoma Valley, Sonoma Co.; temperature, wind, rain, and state of weather. (2 A.R. bd. vitic. comrs. 1881: 31-42.)
STOCKTON
1878-1880. Meteorological table giving mean and extremes of mo. temperature at Stockton. (1 A.R. bd. vitic. comrs. rev. ed. 1880: 25.)
TEHAMA
1889. Daily temperature records at Tehama. (Trans. state agric. socy. 1889: 408-409.)
TULARE
1879-1881. Mo. record of mean and extremes of temperature at Tulare. (2 A.R. bd. vitic. comrs. 1881: 60.)
1892-1895. Table giving dates of winter and spring frosts at Tulare station for four seasons. (A.R. agric. exper. stations 1894/5: 406.)
1893/4-1894/5. Tulare temperature rept. for 2 yrs.—daily mean and extremes of temperature each mo. and dates of extremes. (*Same* 1894/5: 405.)
TULARE VALLEY
1888. Table showing rainfall and average and extreme temperature for summer and winter in Tulare Valley. (Bienn. rept. agric. exper. stations 1888/9: 112.)
Wind
1877-1887. Comparative table giving highest velocity of wind, along with direction at highest velocity for each mo. and for each yr. at Sacramento. (Trans. state agric. socy. 1886 (p. 276)—*same* 1887.)
1877-1890. Data showing dates, velocity, and direction of wind at Sacramento, when it reached and exceeded 24 miles per hr. (*Same* 1869: 340-342.)
1881. The northerly winds of Cal.; by Dr. J. H. C. Bonté. (*Same* 1881: 201-213.)
Reprinted in Transactions for 1885.

CLIMATE—cont'd
Wind—cont'd
1887. Dessicating north winds, and how modified—by planting trees; letter from Lieut. W. A. Glassford, signal corps, to Joaquin Miller. (*Same* 1887: 445-448.)
1894. Table showing total velocity of wind, in miles, for each mo. and for yr. from 12 stations situated in various parts of state. (*Same* 1894: 230.)

CO-EDUCATION; see EDUCATION

COAL
Deposits; see Natural Resources. Mineral
Imports; see Commerce, etc.
Prices; see that title

COAST DEFENSE; see PUBLIC WORKS: FEDERAL

CODLIN MOTH; see AGRICULTURE. CROPS. PESTS

COGSWELL POLYTECHNIC SCHOOL; see EDUCATION. INDUSTRIAL, ETC.

COLEMANITE; see NATURAL RESOURCES. MINERAL

COLORADO DESERT
Geology; see Natural Resources
Health Resort; see Public Health
Land; see Land. Desert
Mining District; see Natural Resources. Mineral

COLUSA
Rainfall; see Climate

COLUSA COUNTY (1850)
Artesian Wells; see Natural Resources
Assessors; see Taxation: State
Bullion Production
1885. See Natural Resources. Mineral. Production; this date.
Climate; see that title
Geology; see Natural Resources
Gold in
1881. See Natural Resources. Mineral. Gold; this date.
1888. See same; this date.
1892-1895. See same; these dates.
1892/4-1894/6. See same; these dates.
Horticultural Board; see Agriculture. Horticultural Commission
Industries; see that title
Irrigation; see Land. Irrigation
Mineral Springs in; see Natural Resources
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines; these dates.
Mining and Irrigating Canals
1894/6. See Industries, etc. Mining Canals, etc.; these dates.
Petroleum in; see Natural Resources. Mineral
Quicksilver in
1892/4-1894/6. See Natural Resources. Mineral. Quicksilver; these dates.
Salt in; see Natural Resources. Mineral
Sandstone in; see Natural Resources. Mineral
Silver in
1892-1895. See Natural Resources. Mineral. Gold; these dates.
Sulphur in; see Natural Resources. Mineral
Surveyor; see Land

COMMERCE, TRADE, AND NAVIGATION

1844-1889. Comparative tables showing exports of Valencia raisins to U. S. and other countries since 1850, of Malaga raisins from 1860; and production of Smyrna raisins from 1844-1884; quantity and value of currants and raisins imported into U. S. from 1873 to 1878; and quantity and value of raisins and currants imported, with rates of duty, amt. of duty collected, etc., from 1879-1888. (A.R. bd. vitic. comrs. 1891/2: 49-52.)

1849. Commercial advantages greater than mineral and development of same urged. (Govs. ann. mess. 1849.)

1850. Rapid improvement in cities, and increased development of commercial resources. (*Same* 1851.)

——. Great increase in trade with China, Pacific Is. and northwest coast of Amer. (*Same* 1851.)

1851. Rept. on r.rs. urging passage of act granting r.rs. right of way through Cal., with view to securing China trade; with statistics showing value and magnitude of said trade. (Legisl. jol. 1851: 746-747.)

1852. State laws burdensome to commerce and repeal urged for laws restricting rather than protecting same. (Govs. ann. mess. 1852.)

——. Commerce affected by delay of Congress in establishing docks, light-houses, etc., and action urged with view to securing same. (*Same* 1852.)

——. Trade and industry injured by delay of Congress in establishing branch mint in state, and individual coining encouraged thereby. (*Same* 1852.)

1854. General review of increase in commerce. (*Same* 1855: 25-26.)

——. Suggestion to present to Congress importance to Cal. of regular oceanic communication betw. S. F. and Asia and Indies. (*Same* 1854: 27.)

1856. Review of probable effect on commercial interests of state, and of national possessions on North Pacific coast, of treaty with Russia of 1825, as shown in res. urging national action to secure such modification of said treaty as to enable U. S. citizens on Pacific coast to trade and establish depots as far north as latitude 60°. (Sen. jol. 1856: 598-599.)

1868-1877. Stmt. showing commerce of S. F. for no. of yrs. past. (Bienn. rept. harbor comrs. 1875/7: 18.)

1870. Petition for subsidy to Australian steamers. 6 pp. (App. to jols. 18 sess. v. 3 unnum doc.)

1872-1879. Produce statistics; yrly. receipts of six leading articles of produce at S. F. from agric. distrs., for yrs. endg. June 30. (Rept. transportation bd. 1877/8: 49.)

1880. Ann. address of pres. of bd. of agric. setting forth significant fact that crops of last season disprove fear that wheat lands are being exhausted; advantages of Cal. as wheat-growing state; the problems of transportation and market; the necessity of wheat producers bldg. their own wharves and warehouses at the seaboard; changes which completion of Southern Pacific R.R. will bring. (Trans. state agric. socy. 1880: 10-16.)

1883. Rept. of jt. committee on commerce and navigation. 224 pp.

Not seen; entry from Bowker.

1884-1890. Comparative table showing imports into U. S. of raisins, Cal. product, and total Amer. consumption for 7 yrs. (A.R. bd. vitic. comrs. 1891/2: 47.)

1884-1891. Same; showing quantities and values of raisins imported into U. S. by yrs. (A.R. bd. hortic. 1891: 83.)

1885. Cal. because of her peculiar location is left to fight her commercial and business battles alone, new channel of traffic by means of r.r. to Ore. should be opened up. (Trans. state agric. socy. 1885: 174-175.)

1885-1886. Comparative table giving amt. of each variety of through freight—barley, brandy, fruit, etc.—and line charges on Pacific system. (*Same* 1886: 211.)

1885-1895. Table giving mo. receipts of domestic produce at S. F. from all sources for each yr. of ann. rept. and totals for previous yrs. (*Same* 1887 (p. 242)—*same* 1895.)

1891-1904. Cumulative comparative table showing imports of foreign raisins into U. S. for past 10 yrs. and exports since 1898. (7 bienn. rept. bd. hortic. 1899/00 (p. 40)—comr. hortic. *same* 1903/4.)

1892-1904. Transportation and marketing of fruit; papers, discussions, and res. (*Same* 1893/4 (pp. 127-137; 255-259; 264-269; 278-286; 335-336)—*same* comr. hortic. 1903/4.)

1892/3-1903/4. Same; giving imports into U. S. from foreign markets, showing unsupplied home market for olive oil. (7 *same* 1899/00 (p. 44)—*same* comr. hortic. 1903/4.)

1894. Comment on German embargo on Amer. meats. (Trans. state agric. socy. 1894: 19.)

——. Possible trade with Mexico. (Rept. bd. vitic. comrs. 1893/4: 195-200.)

1899. Comment on enlarging markets of state. (Trans. state agric. socy. 1899: 34.)

1900. On removal of German embargo on Amer. fruits. (7 bienn. rept. bd. hortic. 1899/00: 23.)

1904. Marketing Cal. fruits in Europe. (1 bienn. rept. comr. hortic. 1903/4: 146-151.)

——. Majority and minority rept. of Fruit Growers' Committee on transportation; discussion. (1 *same* 1903/4: 243-245; 292-305; 307-309.)

Consular Service

1900. Rept. on foreign consular advices. (7 bienn. rept. bd. hortic. 1899/00: 158-159.)

Docks; see below, Wharves

Exports

1851. Cal. exports contribute nearly $100,000,000 to wealth of nation, while estimated value of federal revenue from exports of all other states together is but $200,000,000. (Govs. special mess. Jan. 30, 1852.)

Message may be found in the journals.

1855. Stmt. of value of each of various agric. exports, Jan. 1 to Nov. 27, as compared with gold dust and bullion and quicksilver exports, resp. (Govs. ann. mess. 1856: 19-20.)

1860-1865. Comparative stmt. of exports of Cal. produce to various countries for past 6 yrs.; also value of aggregate amts. sent to various countries in past 3 yrs. (Trans. state agric. socy. 1864/5: 382.)

1861-1863. Comparative table showing value of different articles of Cal. production exported from state during each of last 3 yrs. (*Same* 1863: 265.)

——. Same; showing value of different classes of Cal. exports during each of last 3 yrs. (*Same* 1863: 267.)

1863. Comments on exports of Cal. and prospects of farmers. (*Same* 1863: 266-268.)

1870. Rept. re. exportation of Cal. products free of port charges [by setting aside a portion of the state's tide lands in S. F.] 5 pp. (App. to jols. 18 sess. v. 2 doc. [28].)

1879-1883. Comparative stmt. of principal articles of through freight eastbound. (5 A.R. r.r. comrs. 1884: 38.)

1880-1889. Same; of articles exported from state by Southern Pacific Co's. lines. (Trans. state agric. socy. 1890: 196.)

COMMERCE, TRADE, AND NAVIGATION—cont'd

Exports—cont'd

1890-1891. General summary and comparative table of shipments by rail and by sea of fruit, wine, brandy, and vegetables. (*Same* 1893: 123.)

1900. Comments on increased commerce of S. F., with table showing volume of mdse., inward and outward, passing over wharves and bulkheads under jurisdiction of state. (Bienn. rept. harbor comrs. 1898/00: 13-14.)

1901. Table showing products of northern and southern Cal. (from orchards, vineyards, and gardens) shipped out of state. (Trans. state agric. socy. 1901: 159.)

Dairy Products

1894-1901. Tables showing valuation of butter and cheese exported for each yr. (Rept. dairy bureau 1900/2: 26.)

1895. Table showing amt. and value of butter and cheese exports from S. F. (Trans. state agric. socy. 1895: 19.)

1898/9-1899/00. See below, Imports. Dairy Products; these dates.

Fruit and Vegetables

1871-1888. Comparative table giving amt. of fresh, dried, and canned fruits and raisins shipped each yr., with freight rate. (Trans. state agric. socy. 1889: 262-263.)

1871-1891. Same; showing amt. fresh fruit, dried fruit, raisins, and canned fruit shipped in Cal. (A.R. bd. hortic. 1891: 36.)

1872-1885. Statistics showing canned fruit shipments to market by rail. (6 A.R. r.r. comrs. 1885: 46.)

1872-1890. Comparative table showing quantity of canned fruit shipped by rail from Cal. (A.R. bd. hortic. 1891: 57.)

1873-1891. Same; showing no. of boxes and lbs. of raisins shipped from Cal., by yrs. (*Same* 1891: 82.)

1874-1885. Stmt. showing exact amt. of shipments by rail of garden vegetables. (6 A.R. r.r. comrs. 1885: 48.)

1875-1885. Statistics showing dried fruit shipments to market by rail. (6 *same* 1885: 47.)

1880/1-1891/2. Comparative table showing export of oranges from Riverside. (A.R. bd. hortic. 1892: 207.)

1885-1888. Same; showing shipments of onions, potatoes, and vegetables east over Central Pacific R.R. (Trans. state agric. socy. 1889: 281.)

——. Same; giving summary of raisin, dried fruit, nut, and honey product of state. (*Same* 1889: 264.)

1886. Special fruit trains first run during this yr.; experiment a failure, but future prospects are brighter. (*Same* 1886: 15-16.)

——. Comment on transportation question; eastern fruit shipments for yr. and comparison with other yrs'. stmts. re. same from fruit shippers and from freight agt. of Southern Pacific Co.; results of low rates and quick time; no fear of overproduction. (*Same* 1886: 201-205; 207-211.)

——. No. of lbs. of green citrus and deciduous fruits shipped during yr. (Bienn. rept. bd. hortic. 1886: 427.)

1888-1890. Comparative table giving seasonal shipments from various points by Cal. Fruit Union. (*Same* 1890: 239.)

1888-1891. Same; showing no. of car loads of deciduous fruits shipped by Cal. Fruit Union from various points. (A.R. bd. hortic. 1891: 63-64.)

1890. Eastern fruit shipments; growth of the industry. (*Same* 1890: 83-85.)

1890-1891. Comparative table showing no. of tons of each variety of fruit carried by Cal. Transportation Co. boats from Sacramento River points. (*Same* 1891: 61.)

——. Tables showing quantity of fruits shipped by Southern Pacific Co. and by Santa Fe System for different cities each yr.—dried fruits and canned, deciduous fruits, citrus, raisins, and nuts. (*Same* 1891: 58-59; 60-61.)

1890-1894. Stmt. of shipments of beans by sea from S. F. and by rail from whole state. (Trans. state agric. socy. 1890 (p. 232)—*same* 1894.)
Not given in 1893.

1890-1899. Table showing steady increase in fresh fruit shipments. (7 bienn. rept. bd. hortic. 1899/00: 31.)

1890-1902. Comparative table giving amt. of interstate shipments of fresh deciduous fruits. (8 bienn. rept. bd. hortic. 1901/2: 27.)

1890-1903. General summary and comparative tables of shipments by rail and by sea, of fruits, wine, brandy, and vegetables for 10 yrs. (7 *same* 1899/00 (p. 29)—*same* comr. hortic. 1903/4.)

1890/1-1898/9. Comparative table showing citrus fruit shipments for series of yrs., with comments. (Trans. state agric. socy. 1899: 15-16.)

1890/1-1903/4. Cumulative comparative tables giving quantity and value of exports of prunes since 1897 and imports of foreign prunes since 1890. (8 bienn. rept. bd. hortic. 1901/2 (p. 28)—*same* comr. hortic. 1903/4.)

1891. Table showing no. of lbs. of each kind of fruit, dried, canned, deciduous, etc., shipped by Ore. Development Co. from S. F. to different points. (A.R. bd. hortic. 1891: 61.)

——. Table showing shipments of fruit by sea to all points from S. F.—amt. and value of canned, green, and dried fruit, raisins, nuts, and olive oil; summary. (*Same* 1892: 221-222.)

1892-1894. Rept. on shipments of Cal. fruits direct to England. (4 bienn. rept. *same* 1893/4: 409-410.)

1893. Tables showing shipments of fruits and vegetables, by mos., from northern and from southern Cal.; also total shipments out of state by r.rs. giving place of shipment. (Trans. state agric. socy. 1893: 120-122.)

1893/4. Tabular stmt. of value of exports of fruits by sea from port of S. F., for 9 mos. endg. July 30; also value of imports of dutiable fruit at same port for same period. (4 bienn. rept. bd. hortic. 1893/4: 406-407.)

——. Table showing movements of fruits, by mos., over lines of Southern Pacific R.R. from Nov., 1893, to July, 1894, inclusive. (4 *same* 1893/4: 407-408.)

1895. Tables showing total amt. (in lbs.) of orchard and vineyard products eastbound by Southern Pacific lines during yr. from territories named; also Southern Cal. R.R. Co. and North Pacific Coast R.R. Co. (5 *same* 1895/6: 74-75.)

1895-1896. Table showing shipments of fresh fruits east to various cities, by mos. (5 *same* 1895/6: 70.)

1895-1899. Comparative tables showing varieties of fruit shipped each yr., and destination of cars, with comments. (Trans. state agric. socy. 1899: 8-9.)

1895-1901. Same; showing no. of cars of deciduous fruits forwarded by rail from Cal. during series of yrs. (*Same* 1901: 160.)

1895-1904. Cumulative comparative tables showing destination and no. of cars of fresh deciduous fruits shipped out of Cal.; also no. of cars of each variety. (7 bienn. rept. bd. hortic. 1899/00 (p. 95)—*same* comr. hortic. 1903/4.)

COMMERCE, TRADE, AND NAVIGATION—cont'd
Exports—cont'd
FRUIT AND VEGETABLES—cont'd
1896-1899. Comment on green fruit shipments to Europe during last 3 yrs. (Trans. state agric. socy. 1899: 10.)
1897/8-1901/2. Comparative table giving cars and boxes of apples shipped from Pajaro Valley; state, interstate, and export shipments. (8 bienn. rept. bd. hortic. 1901/2: 31.)
1898-1904. Cumulative comparative table giving quantity and value of fruit and nut exports from U. S. (8 *same* 1901/2 (p. 41)—*same* comr. hortic. 1903/4.)
1899-1903. Table showing shipments of hortic. products and vegetables from state by land and sea. (11 bienn. rept. labor statistics 1902/4: 112.)
——. Tables showing shipments of fruit out of state by sea and by rail, showing terminals. (7 bienn. rept. bd. hortic. 1899/00 (p. 30)—*same* comr. hortic. 1903/4.)
——. Table showing shipments of hortic. products and vegetables from state by land and sea. (11 bienn. rept. labor statistics 1902/4: 112.)
1899/00-1903/4. Cumulative comparative table giving exports of Cal. apples and destination. (8 bienn. rept. bd. hortic. 1901/2 (p. 31)—*same* comr. hortic. 1903/4.)
1900. Rept. on cause of defective transportation service of past yr. (7 *same* 1899/00: 102-103.)
——. Our export fruit trade and our export packages; by B. N. Rowley. (7 *same* 1899/00: 191-193.)
——. Necessity for expedited service for fresh fruit shipments. (7 *same* 1899/00: 104-106.)
1901. Table showing shipments of vegetables (green and canned) out of state, place of shipment, by rail and by sea. (Trans. state agric. socy. 1901: 160.)
——. Table showing shipments of vegetables out of state, giving place of shipment. (8 bienn. rept. bd. hortic. 1901/2: 37.)
GOLD DUST; see below, TREASURE
GRAIN
1854/5-1894/5. Comparative table showing exports of wheat and flour from Cal. each yr. (Trans. state agric. socy. 1895: 165.)
1855. Over one million dollars worth of wheat and flour exported by Cal. during yr. (Govs. ann. mess. 1856: 17.)
1859-1895. Cumulative comparative stmt. of date of arrival of new wheat at tide water each yr. since that cereal was produced in quantity, and price obtained for same. (Trans. state agric. socy. 1887 (p. 245)—*same* 1895.)
1861/2-1877/8. Comparative table showing exports of grain and flour from port of S. F. for series of yrs. (*Same* 1878: 146.)
——. Same; showing receipts of grain and flour (Cal. products only) at port of S. F. (*Same* 1878: 146.)
1868/9-1877/8. Comparative detailed stmt. of exports of grain and flour from Cal. to different countries. (*Same* 1878: 149-150.)
1870-1895. Comparative stmt. of arrivals of new barley for series of yrs. and price obtained for same. (*Same* 1887 (p. 246)—*same* 1895.)
1871-1885. Stmt. giving grain and fruit shipments for series of yrs. and average rate of freight charged. (6 A.R. r.r. comrs. 1885: 45-46.)
1886. Table showing exports of flour and grain from S. F. each mo. by sea and rail during each yr. of ann. rept. and totals for previous yrs. (Trans. state agric. socy. 1886 (p. 250)—*same* 1889.)

COMMERCE, TRADE, AND NAVIGATION—cont'd
Exports—cont'd
GRAIN—cont'd
1890-1895. Table showing mo. barley shipments from S. F. by sea and rail and from interior points by rail each yr. (*Same* 1890 (p. 231)—*same* 1895.)
——. Table showing mo. clearances of flour and grain from S. F. by sea each yr. of ann. rept. and totals for previous yrs. (*Same* 1890 (p. 225)—*same* 1895.)
1891-1895. Table showing nationality of grain vessels from port of S. F. (*Same* 1891 (p. 191)—*same* 1895.)
1891/2-1894/5. Table giving destination and value of wheat and flour exports from Cal. each yr. (*Same* 1892 (p. 130)—*same* 1895.)
1892-1901. Comparative table showing cereal exports from S. F., by sea. (*Same* 1901: 162.)
1899-1903. Table showing wheat crop for last 5 yrs. and total clearance by sea from S. F. of all canals. (11 bienn. rept. labor statistics 1902/4: 112.)
LUMBER
1887-1890. Table showing value and kind of all lumber exported from port of S. F. for 46 mos. endg. Oct. 31, 1890. (3 bienn. rept. forestry bd. 1889/90: 72.)
QUICKSILVER
See also below, Treasure.
1850-1883. Exports of quicksilver from Cal.; etc. (4 A.R. mineralogist 1883/4 foldg. table.)
1870-1883. Historical table showing ann. shipments of quicksilver out of state by rail from S. F. and San Jose for 13 yrs. (4 *same* 1883/4: 344.)
TREASURE
1853. Statistics showing Cal. exportation of gold dust in 1853, to be more than half of total exportation of other 30 states in 1852. (Govs. ann. mess. 1854: 13.)
1853-1854. Stmt. of quarterly export of bullion to Europe and Atlantic states during 1853 and 1854 and amt. and value of quicksilver shipped during 1854. (*Same* 1855: 24.)
1855. Stmt. of value of gold dust and bullion, and amt. of quicksilver, resp., exported during yr. (*Same* 1856.)
1881. Stmt. of treasure shipments to China from Cal. (2 rept. state mineralogist 1880/2: 173.)
WINE AND BRANDY
1874-1885. Stmt. showing amts. of wine and brandy shipped east by rail, also price of freight. (6 A.R. r.r. comrs. 1885: 48.)
1875-1877. Comparative table giving amt. and value of sea exports of Cal. wine by countries, to foreign ports for series of yrs.; résumé of totals by countries and yrs. (A.R. bd. vitic. comrs. 1887: 22-25.)
1875-1879. Same; Cal. wine and brandy exports by sea and rail. (Trans. state agric. socy. 1879: 125.)
1875-1881. Same; showing shipments of wine and brandy out of state by sea and by rail. (2 A.R. bd. vitic. comrs. 1881: 20.)
1875-1887. Same; showing amt. and value of Cal. wine exports by sea to N. Y. and foreign countries from S. F. each yr. and totals for whole period. (*Same* 1887: 27-30.)
——. Same; showing total wine shipments out of state by sea and by rail, with declared value and computed average value per gallon. (*Same* 1887: 20.)
——. Same; showing amt. and value of Cal. brandy exports by sea to N. Y. and foreign countries, from S. F., each yr., and total for whole period of 13 yrs. (*Same* 1887: 31-35.)
——. Same; showing total brandy exports out of state, with declared values and computed average value per gallon. (*Same* 1887: 21.)

COMMERCE, TRADE, AND NAVIGATION—cont'd

Exports—cont'd

WINE AND BRANDY—cont'd

1879-1880. Comparison of shipments of wine and brandy into S. F. and out of state for 2 yrs.; encouraging features for future of vitic. in state gleaned from repts. of distr. comrs. (1 *same* rev. ed. 1880: 13-14.)

1881. Table of mo. exports of wine and brandy by sea and rail from S. F. (2 *same* 1881: 20-21.)

1887. Comment on Cal. foreign trade in wines and brandies and lack of appreciation at home; importance of national law for protection of pure wines and detection and prevention of those that are spurious. (*Same* 1887: 25-37.)

1887-1893. See Industries, etc. Liquor (wine); these dates.

1890-1895. Table showing amt. and value of brandy exports by sea with destination, also of shipments by rail each mo. for each yr. of ann. rept. and grand totals for previous yrs. (Trans. state agric. socy. 1893 (p. 152)—*same* 1895.)

——. Table giving amt. and value of wine exports by sea, and destination; also mo. shipments by rail and value by mos. for each yr. of ann. rept. and grand totals for previous yrs. (*Same* 1893 (p. 151)—*same* 1895.)

1891-1893. Comparative stmt. of shipments of wine and brandy by rail and by sea. (*Same* 1893: 123.)

1892-1893. Detailed stmt. of overland shipments of Cal. wines and brandies, giving no. of cases and gallons, shipping points and destination. (Rept. bd. vitic. comrs. 1893/4: 14-20.)

Exports and Imports

1856-1879. Tabular history of transactions in domestic produce at S. F. for past yr., and receipts and exports since 1856. (Trans. state agric. socy. 1879: 212-223.)

1856-1881. Comparative stmt. giving exports and imports at port of S. F. (3 A.R. r.r. comrs. 1882: 556.)

Paging from Collected docs.

1862-1863. Comparative table showing amt. of imports and exports for 2 yrs. (Trans. state agric. socy. 1863: 264.)

1900-1903. Table showing output of petroleum and import of coal, together with price of each. (11 bienn. rept. labor statistics 1902/4: 118.)

Grain Trade

See also Exports.

1872-1879. Produce statistics—grain products transported to general markets of state by r.rs. from agric. distrs. (Rept. transportation bd. 1877/8: 49.)

1872/3-1894/5. Comparative table showing proportion of Amer. to foreign ships engaged in grain trade at port of S. F. each yr. (Trans. state agric. socy. 1891 (p. 192)—*same* 1895.)

1878-1895. Same; showing amt. of flour and grain remaining in state on July and Jan. 1 of each yr. (*Same* 1886 (p. 251)—*same* 1895.)

1887-1895. Table showing stocks of grain in regular warehouses on first of each mo. (*Same* 1887 (p. 244)—*same* 1895.)

——. Rept. of flour and grain remaining in state at various points on Jan. 1. (*Same* 1886 (p. 250)—*same* 1895.)

Harbor Masters

1857. Favorable rept. on act concerning harbor masters of port of S. F. (Assem. jol. 8 sess. pp. 364-365.)

1869. Suggestion for tax upon commerce to be discontinued, office of harbor master abolished, and duties performed by that officer attached to this comn., without any expense to shipping. (Bienn. rept. harbor comrs. 1867/9: 11.)

1870. Stmt. of moneys collected by J. S. Houseman, harbor-master of the port of S. F. 4 pp. (App. to jols. 18 sess. v. 3 unnum. doc.)

Harbor Regulations

1850. Rept. of commerce and navigation committee re. port and harbor of Monterey. (App. to Sen. jol. 1 sess. p. 566, doc. OO.)

1868. Rept. [favorable] of Assem. committee on commerce and navigation re. reduction of wharfage, harbor master's dues, pilotage, etc. [showing the disproportion of shipping charges in N. Y. and S. F.]. 8 pp. (App. to jols. 17 sess. v. 3 [doc. 4].)

1884. Comparison of aggregates of changes in harbors of Boston and S. F. (Bienn. rept. harbor comrs. 1882/4: 59-60.)

Imports

1863-1865. Comment on various imports of Cal. (Trans. state agric. socy. 1864/5: 364-379.)

1886/7. Stmt. of imports of minerals and mineral products into S. F. (8 A.R. state mineralogist 1887/8: 898-899.)

1887-1892. Table giving imports into Cal., by sea, of flour, grain, potatoes, and wool during each mo. of 1892, and totals for previous yrs. (*Same* 1893: 132.)

1887-1895. Table showing mo. imports of products into Cal., by sea, for each yr. of ann. rept. and totals for previous yrs. (*Same* 1892 (p. 132)—*same* 1895.)

COAL

1860-1876. Historical table giving ann. receipts of coal at S. F. from various sources. (7 A.R. state mineralogist 1886/7: 154.)

1860-1886. Same; showing ann. receipts of S. F. of Eastern and Pacific Coast coal from various distrs. and totals for 27 yrs. (7 *same* 1886/7: 169-170.)

1866-1886. Same; showing ann. imports of foreign coal to S. F. for 21 yrs. (7 *same* 1886/7: 168.)

1886. Ann. review of coal trade from S. F. Journal of Commerce. (7 *same* 1886/7: 166-172.)

DAIRY PRODUCTS

1860-1865. Comparative table showing no. of firkins and lbs. of butter imported into state from east during each of last 6 yrs., and average price for each yr., and whole no. of lbs., and whole cost. (Trans. state agric. socy. 1864/5: 365.)

1898/9-1899/00. Same; showing lbs. of animal and dairy products imported into state, and exports of same for 2 yrs. (*Same* 1900: 114.)

FRUIT

1890/1-1903/4. Cumulative comparative table giving quantity and value of dried figs imported. (8 bienn rept. bd. hortic. 1901/2 (p. 30)—*same* comr. hortic. 1903/4.)

1891. Tables showing value of foreign fruits and nuts imported into S. F., also value of exports by sea, for each mo. (A.R. bd. hortic. 1891: 62-63.)

1891-1900. Comparative table giving receipts of foreign plums and prunes; quantity and value. (7 bienn. rept. bd. hortic. 1899/00: 37.)

1894-1902. Same; showing English imports of Cal. canned fruits. (7 *same* 1899/00 (p. 42)—9 *same* 1901/2.)

1895/6-1903/4. Cumulative comparative table giving amt. and value of imports of foreign oranges and lemons. (8 *same* 1901/2 (p. 27)—*same* comr. hortic. 1903/4.)

COMMERCE, TRADE, AND NAVIGATION—cont'd
Imports—cont'd
TIN
1875-1883. Stmt. of ann. imports of Australian tin recd. at S. F. for 9 yrs. (4 A.R. state mineralogist 1883/4: 122.)
WINE
1887-1893. See Industries, etc. Liquor (Wine); these dates.
Interstate Commerce
1887. Res. re. action to be taken by state bd. of hortic. in matter of interstate commerce bill. (Bienn. rept. bd. hortic. 1885/6: 482.)
Pilots and Pilotage
1849. Rept. of judiciary committee on res. for apptmt. of pilots for ports and harbors of state, submitting bill, and urging importance of early passage of same. (Legisl. jol. 1849/50: 484-486.)
1851. Veto of act prescribing duty of pilots for ports of Benecia, Sacramento, and Stockton. (*Same* 1851: 1788-1789.)
1855. Act reducing pilotage rates passed in aid of whaling trade, but further legislation re. shipping of seamen and prevention of desertion, needed to secure full benefit of said industry. (Govs. ann. mess. 1856: 20-21.)
1858. Veto of act to amend an act to establish pilots and pilot regulations for port of S. F., passed May 11, 1854. (Sen. jol. 9 sess. pp. 391-393.)
1859. Same. (Assem. jol. 10 sess. p. 748.)
1870. Minority rept. of committee on chamber of commerce on pilot laws. 6 pp. (App. to jols. 18 sess. v. 2 unnum. doc.)
——. Important changes in the pilot system prepared by Sen. bill 255, including the apptmt. of comrs. by the Gov.; reduction of rates of pilotage; and licenses to steam tugs for pilot service. 11 pp. (*Same* 18 sess. v. 3 doc. [79].)
1883. Rept. and testimony re. discriminating and double rates charged for pilotage in the port of S. F.; refusal by the pilotage comn. to show their books, and a tug-boat monopoly which, in connection with the r.r. monopolies, it is feared will control the entire commerce of the port. The sea wall, dockage rates, and the duties of harbor comrs. are also mentioned. 224 pp. (*Same* 25 sess. v. 3 doc. [5].)
——. Rept. of jt. committee on investigation of all official acts of bd. of state harbor comrs. and bd. of pilot comrs., and on towage and towage rate and all other matters re. injury to commerce of state. (Assem. jol. 25 sess. pp. 330-334.)
——. Rept. of jt. committee on investigation of harbor comrs. and pilot comrs. (*Same* 25 sess. pp. 395-398; Sen. jol. pp. 207-210.)
——. Provisions of the political code establishing pilots and pilot regulations for ports of S. F., Mare Is., Vallejo, Port Costa, and Benicia; together with by-laws of pilot comrs. 27 pp. 24°.
——. Same; 1891, 1895, 1899.
Not seen; entry from Bowker.
1899. Repts. on pilot comrs. of Eureka and S. F. and on port wardens of S. F. (Rept. of committee to make examination of state institutions 1899: 170-171.)
——. Same in App. to jols. 33 sess. v. 2.
1903. Rept. on investigation of state bd. of pilot comrs. (Sen. jol. 35 sess. pp. 894-898.)
Rates of Freight
RAIL; see RAILROADS

COMMERCE, TRADE, AND NAVIGATION—cont'd
Rates of Freight—cont'd
WATER
1872/3-1879/80. Comparative table giving average, highest, and lowest wheat rates on ships for yrs. before rates for iron and wooden ships were separated. (Trans. state agric. socy. 1890 (p. 231)—*same* 1895.)
1880/1-1894/5. Same; showing average wheat rates per season for iron and wooden ships; also no. of vessels dispatched. (*Same* 1890 (pp. 230-231)—*same* 1895.)
1882. Comments on collection of revenue: opinion of bd. that surer and more economical system is collection directly from master, owner, or consignee of vessel of charge on mdse. by measurement or weight. (Bienn. rept. harbor comrs. 1880/2: 10.)
1884-1886. Comments on mode of collecting charges on goods. (*Same* 1882/4 (pp. 20-22)—*same* 1884/6.)
1890-1892. Table showing average, highest, and lowest rates paid for wheat ships each mo., rate being based on price paid for ships to Cork for orders to U. K., Havre, or Antwerp. (Trans. state agric. socy. 1890 (p. 230)—*same* 1892.)
1894/5. Table showing average, highest, and lowest freight rates paid for iron wheat-ships each mo. of cereal yr. (*Same* 1895: 161.)
Tax on; see Taxation: State. Shipping
Tonnage
RAIL
1887-1888. Stmt. giving tonnage and receipts betw. S. F. and Healsburg, Aug. 1 to Dec. 31. (10 A.R. r.r. comrs. 1889: 62.)
1888-1889. Tonnage of through freight east and westbound (in lbs.)—Southern Pacific Co. (9 *same* 1888 (p. 39)—10 *same* 1889.)
WATER
1864-1877. Comparative stmt. of tonnage entering Golden Gate from foreign and domestic ports. (Bienn. rept. harbor comrs. 1873/5 (p. 27)—*same* 1875/7.)
1864-1900. Stmt. of foreign and domestic tonnage entering Golden Gate, by yrs. (*Same* 1896/8 (p. 49)—*same* 1898/00.)
1877/8. Friedlander's freight list, showing tonnage engagements at port of S. F. from July 1, 1877, to July 1, 1878. (Trans. state agric. socy. 1878: 135-142.)
Wharves and Docks; see that title

COMMUTATION TAX
Obsolete; same as Passenger Tax; which see.

COMPULSORY EDUCATION; see EDUCATION

CONDEMNATION FUNDS; see FINANCE: STATE. FUNDS

CONIFERÆ; see NATURAL RESOURCES. FORESTS

CONSULAR SERVICE; see COMMERCE, ETC.

CONSUMPTION
Industrial; see Industries, etc.
Tubercular; see Public Health

CONSUMPTIVES
Maintenance; see Maintenance: State

CONTRA COSTA COUNTY (1850)
Artesian Wells; see Natural Resources
Asphaltum in; see Natural Resources. Mineral
Assessors; see Taxation: State
Cement in; see Natural Resources. Mineral

CONTRA COSTA COUNTY (1850)—cont'd
Clay in; see Natural Resources. Mineral
Coal in
1892/4-1894/6. See Natural Resources. Mineral. Coal; these dates.
Horticultural Board; see Agriculture. Horticultural Commission
Lime in; see Natural Resources. Mineral
Limestone in; see Natural Resources. Mineral
Marble in; see Natural Resources. Mineral
Mineral Springs in; see Natural Resources
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Mining and Irrigating Canals
1894/6. See Industries, etc. Mining Canals, etc.; these dates.
Natural Gas in; see Natural Resources
Petroleum in
1892/4-1894/6. See Natural Resources. Mineral. Petroleum; these dates.
Sandstone in; see Natural Resources. Mineral
Surveyor; see Land

CONTROLLER
Expenditures for; see Finance: State
Reports; see Finance: State

CONVENTIONS
Agricultural; see Agriculture
Educational; see Education
Fruit Growers'; see Agriculture
Irrigation; see Land. Irrigation
Olive Growers'; see Agriculture
Roads; see that title
Viticultural; see Agriculture

CONVICT LABOR; see LABOR

CONVICTS
1854. Recommendation re. authorizing Gov. or state prison inspectors, in certain cases, to offer rewards for escaped convicts, payable out of state treasury. (A.R. inspector state prison 1854: 5.)
Discharged
1860. Recommendations for small apprn. to be made for discharged convicts, to enable them to reach their homes. (A.R. state prison director 1860: 36.)
1892. Recommendation for apptmt. of state agt. to look after discharged convicts, and sufficient apprn. to carry out plan. (13 *same* 1891/2: 7.)
Transportation; see Maintenance: State

CO-OPERATIVE INSURANCE; see BENFICIARY ORGANIZATIONS

COPPER
Deposits; see Natural Resources. Mineral

CORPORATIONS
1854. Govs. mess. re. need for restriction of corporations. (Sen. jol. 1854: 324-326; Assem. jol. pp. 333-336.)
1855. Laws regulating corporations are lax; reform of same urged to prevent formation of monopolies. (Govs. ann. mess. 1855: 29-30.)
1856. Review of restrictive provisions of constitution re. corporations, showing same to have been disregarded in many cases by state. (Govs. inaugural address 1856.)

CORPORATIONS—cont'd
1856. Rept. of special committee to whom was referred act to amend act entitled "act to provide for formation of corporation for certain purposes"; recommending passage of this amdmt., which is directed against monopolies of Cal. Steam Navigation Co. and Citizens' Steam Navigation Co., and their high mileage rates. 12 pp. (App. to Sen. jol. 7 sess. doc. [21].)
1857. Minority repts. opposing Assem. bills 221 and 222 re. corporations. (Assem. jol. 8 sess. pp. 617-619.)
1864. Veto of act granting certain rights and privileges to the Yreka Creek Drainage Co. (Sen. jol. 15 sess. p. 519.)
1866. Rept. of Assem. judiciary committee on veto of Assem. bill 41 to change name of Pacific Accumulation Loan Co., and authorize it to purchase certain real estate. 4 pp. (App. to jols. 16 sess. v. 3 unnum. doc.)
1870. Rept. of corporation committee re. certain bills referred to them. 4 pp. (*Same* 18 sess. v. 3 doc. [66].)
1872. Veto of act concerning corporations. (Sen. jol. 19 sess. pp. 577-579.)
1886. List of articles of incorporation in office during two fiscal yrs. endg. July 1, 1886. (Bienn. rept. state dept. 1884/6: 11-36.)
Fees; see Taxation
Laws
1886. Laws regulating corporations. 81 pp.
Not seen; entry from Bowker.
1890. Same. 86 pp.
Not seen; entry from Bowker.
1893. Laws and amdmts. to law relating to corporations, enacted by legislatures of 1891 and 1893. 35 pp.
Not seen; entry from Bowker.
1901. Corporation laws; by C. A. Son. 685 pp. 24°.
Not seen; entry from Bowker.
1903. Same (with citations from, up to and including the 137 Cal. rept., ed. 2); compiled by C. F. Curry. 337 pp. 16°.
Not seen; entry from Bowker.
1904. Same; by W. I. Brobeck and R. M. Sims. 1094 pp.
Not seen; entry from Bowker.
Light and Power Companies
1904. Laws concerning gas and electricity; by J. W. Stetson. 158 pp. 16°.
Not seen; entry from Bowker.
Taxation; see that title

CORRUPT PRACTICES
1861. Testimony taken before House investigating committee re. resignation of certain members of claims committee, and their charges against the chrmn. in regard to proposed bribery in the case of J. F. McCauley's claim. 20 pp. (App. to Assem. jol. 12 sess. doc. [15].)
1862. Official rept. of proceedings, testimony, and arguments in trial of J. H. Hardy, distr. judge of 16 judicial distr., before Sen. of Cal. sitting as a high court of impeachment. Apr.-May, 1862. Sumner and Cutter, official reporters. 712 pp. (App. to jols. 13 sess. [doc. 36].)
1866. Rept. of Sen. committee of investigation on certain charges of bribery made by editor of "American Flag," [agst. certain members of Sen., clearing Senators, and accussing editor, D. O. McCarthy, of libel.] 4, 50 pp. (*Same* 16 sess. v. 2 doc. 11.)
1870. Repts. on investigation of charges of bribery in Assem. (Assem. jol. 18 sess. pp. 548-549; 678-699.)
1874. Rept. on investigation of charges of bribery and corruption in late senatorial election. (*Same* 20 sess. pp. 1091-1092.)

CORRUPT PRACTICES—cont'd

1874. Transcript of testimony taken by bribery investigating committee. 219 pp. (App. to jols. 20 sess. v. 5 [doc. 23].)
In reference to late Senatorial election.
1880. Rept. and testimony re. charges of an attempt at bribery. 31 pp. (*Same* 23 sess. v. 6 unnum. doc.)
1885. Minority rept. of committee apptd. to investigate certain charges made by Ed. E. Leake agst. J. W. McCarthy, clerk of Supreme Court. 5 pp.
Not seen; entry from Bowker.
1886. Rept. of committee on expenses of investigation into charges agst. Justices Morrison and Sharpstein. (House jol. 12 extra sess. 1886: 69.)
——. Communication from Chief Justice Morrison and Associate Justice Sharpstein, of Supreme Court of Cal., re. apptmt. of committee to investigate charges preferred agst. them. (*Same* 1886: 49.)
——. Rept. of committee apptd. to investigate charges agst. Chief Justice Morrison and Associate Justice Sharpstein of Supreme Court of Cal. (*Same* 1886: 50.
1887. Rept. of special committee apptd. to investigate charges re. changes of position of bills in Assem. file and also charges agst. members of Assem. 121 pp.
Not seen; entry from Bowker.
1891. Rept. on charges in S. F. "Evening Post" agst. House that no bill could pass unless backed by money. (Assem. jol. 29 sess. pp. 529-531.)
——. Rept. on expenses of investigation of scraps of paper, used for wrapping currency, found in librarian's office and currency supposed to have been used for bribes in Sen. (Sen. jol. 29 sess. pp. 866; 877-879.)
1893. Rept. of testimony and proceedings in matter of charges made agst. Assemblyman H. H. Johnson, of Santa Clara Co., by J. W. Rea, of offering to sell his vote on the r.r. comn., and of blackmail. 349 pp. (App. to jols. 30 sess. v. 8 doc. [8].)
——. Rept. of testimony and proceedings in matter of investigation of charges agst. W. H. H. Hart. atty. gen., of wilful neglect of duty, official misconduct, and misdemeanor in office. 152 pp. (*Same* 30 sess. v. 8 doc. [9].)
——. Testimony taken before select committee in matter of investigation of A. Bretz for using certain words charging Marion Cannon, of a corrupt use of money. 81 pp. (*Same* 30 sess. v. 8 doc. [10].)
1895. Testimony and proceedings in matter of charges [of bribery] of Senator Biggy agst. Senator Dunn, and rept. of committee, Mch. 12-15, 1895. 28 pp. (*Same* 31 sess. v. 6 doc. 30.)
——. Stmt. of Sen. Biggy re. bribes offered him. (Sen. jol. 31 sess. p. 1046.)
——. Rept. on investigation of charges of bribery made by Senator Biggy. (*Same* 31 sess. pp. 1212-1213.)
1897. Rept. on investigation of charges of fraud in organization of Assem. (Assem. jol. 32 sess. pp. 421-423; 515-517.)
——. Rept. on investigation of charges of bribery agst. members of Assem. by "S. F. Examiner." (*Same* 32 sess. p. 1278.)
——. Same; agst. members of Sen. (Sen. jol. 32 sess. pp. 946-948; 973-974; 1166-1168.)
1899. Rept. on investigation of charges of using illegal methods in connection with election of U. S. Senator. (Assem. jol. 33 sess. pp. 231; 247; 402-404.)

COST OF LIVING; see LABOR

COTTON
Crop; see Agriculture. Crops
Industry; see Industries, etc.

COTTONY CUSHION SCALE; see AGRICULTURE. CROPS. PESTS

COUNTERFEITING
Coin; see Money

COURTS; see ADMINISTRATION OF JUSTICE: STATE

COYOTE
Bounty on; see Bounty

CRAB; see FISH AND GAME

CRAYFISH; see FISH AND GAME

CREAMERIES; see INDUSTRIES, ETC. DAIRY

CREDIT INSURANCE; see INSURANCE

CRESCENT CITY
Climate; see that title

CRISES AND DEPRESSIONS
1850. Extensive failures and pecuniary embarrassments resulting from monetary crisis; monetary crises largely result of oppressive rates of interest. (Govs. ann. mess. 1851.)

CROP BULLETINS; see AGRICULTURE. CROPS

CROPS; see AGRICULTURE

CUSTOMS SERVICE: FEDERAL
For moneys collected in ports of Cal. by federal govt. prior to admission of state; see Finance: State. Military govt.

CUT WORM; see AGRICULTURE. CROPS. PESTS

CUYAMACA LAKE
Fisheries; see Fish and Game

CYCLONES; see CLIMATE

DACE; see FISH AND GAME

DAIRY INDUSTRY; see INDUSTRIES, ETC.

DAIRY PRODUCTS
Exports; see Commerce, etc.
Imports; see Commerce, etc.

DATE-CULTURE; see AGRICULTURE. CROPS

DEAF
Education; see that title

DEAF AND DUMB
Maintenance; see that title

DEATHS; see VITAL STATISTICS

DEBRIS COMMISSION; see RIVER CONSERVANCY

DEBT: COUNTY
1871/2. Table showing co. debts of several cos. in 1872, and total rate of state and co. tax in each co. for 1871-1872. (A.R. equalization bd. 1872/3: 12-13.)
1882-1904. Stmt. showing assessed value of property and indebtedness of cos. of state. (Biennial rept. state controller 1880/2 (pp. 128-192)—*same* 1902/4.)

DEBT: COUNTY—cont'd

EL DORADO COUNTY

1878. Memorial to legisl. of holders and representatives of outstanding bonds and coupons of El Dorado Co. 5 pp. (App. to jols. 22 sess. v. 4 [doc. 12].)

LOS ANGELES COUNTY

1860. Rept. on act to authorize funding of outstanding debt of Los Angeles Co. and to provide for payment of same. (Assem. jol. 11 sess. pp. 741-746.)

SACRAMENTO COUNTY

1897. Issue of bonds by Sacramento Co. to provide funds for expenses of construction and transportation on model highway from Sacramento to Folsom provided for by legisl. of 1897, declared illegal. (Bienn. rept. dept. of highways 1897/8: 19-20.)

SAN JOAQUIN COUNTY

1856. Veto of act authorizing bd. of supervisors of San Joaquin Co. to provide for payment of funded indebtedness of co. and create fund therefor. (Assem. jol. 7 sess. pp. 672-673.)

SAN MATEO COUNTY.

1898. San Mateo Co. bond election—result agst. bonds. (Bienn. rept. dept. of highways 1897/8: 21.)

DEBT: MUNICIPAL

1898-1902. Comment on purchase of bonds and recommendation that law be amended so as to allow purchase of municipal bonds. (A.R. bd. examiners dated 1899 (p. 8)—*same* 1900/2.)

1900. Recommended that bonding laws be so amended as to enable incorporated cities to co-operate with the country in issuance of bonds for road construction. (Bienn. rept. dept. of highways 1899/00: 75-76.)

1902. Stmt. showing population, assessed valuation, rate of taxation, and bonded indebtedness of several incorporated cities and towns of state. (Bienn. rept. state controller 1900/2: 140-141.)

SACRAMENTO

1860. Rept. on act requiring bd. of supervisors of city and co. of Sacramento to take from interest and sinking fund of city of Sacramento. (Assem. jol. 11 sess. pp. 255-256.)

SAN FRANCISCO

1851. Rept. on act to fund debt of city of S. F., reviewing provisions necessary for success of proposed funding. (Legisl. jol. 1851: 1463-1466.)

1858. Rept. of select committee apptd. to visit S. F. to get data of the fees in office of various officials; to examine the books, and to inquire into the affairs of the comrs. of the funded debt of the city and co. of S. F. 15 pp. (App. to Assem. jol. 9 sess. doc. [10].)

1904. Present status of Montgomery ave. bond cases. (Rept. atty. gen. 1902/4: 7-8.)

DEBT: STATE

serial

Under act of April 2, 1870, to provide for payment of funded indebtedness of Cal., and to contract a funded debt.

1871/3-1873/5. Rept. of loan comrs.

In Collected docs. as follows:
1871/3 in App. to jols. 20 sess. v. 4 unnum. doc.
1873/5 " " " " 21 " v. 2 " "

non-serial

See also Land. Water Front Property.

1849. Review of objections to negotiation of loan to provide for current expenses. (Govs. ann. mess. 1849.)

1849-1850. Review of causes leading up to creation of large state debt; formation of state with empty treasury and without intermediate process of territorial govt., immediate necessity for providing current funds at ruinous rates, transient and untaxable character of first immigration and adoption of cumbersome and expensive form of govt. as provided by constitution, etc. (*Same* 1856: 3-6.)

——. State heavily burdened with debt before organization of state govt. completed. (*Same* 1856: 6.)

1849-1854. Review of conditions during organization of state govt. leading up to enforced issue of 3% bonds bearing interest at 36% per ann. showing redemption of same in 1854 after payment of interest exceeding whole amt. of principal. (*Same* 1856: 4-5.)

1850. Govs. mess. re. impossibility of accepting bids made for state loan, transmitting copies of same. (Legisl. jol. 1849/50: 489-492; 1011-1013.)

——. Rept. with suggestions for negotiation of permanent loan. (*Same* 1849/50: 1041-1044.)

——. Stmt. of state debt, created under act authorizing temporary loan, approved Feb. 1, showing condition of same Dec. 15. (Suppl. rept. comptroller 1850.)

——. Review of fluctuations in value of 3% bonds as result of delay in admission to Union. (A.R. comptroller 1850.)

——. Rept. re. necessity of early negotiation of state loan, urging passage of bill authorizing loan for state of Cal. (Legisl. jol. 1849/50: 559-560.)

1850-1852. Stmt. of indebtedness incurred prior to Jan. 1, 1852, and audited and paid after that date. (App. to Govs. ann. mess. 1854: 31-33.)

——. Bonds and warrants on treasury depreciated as result of increasing expenditures without corresponding increase in revenue. (Govs. ann. mess. 1856: 5.)

1850-1853. Tabular stmt. showing condition of state debt. June 30, 1850, created under act approved Feb. 1, 1850, and comments on same. (A.R. state comptroller 1849/50 (pp. 530-532)—*same* 1852/3.)
Paging from Collected docs.

1850/1. Stmt. of funded debt of state. (A.R. state treasurer 1850/1: 515.)
Paging from Collected docs.

1851. Review of funds to compose state sinking fund as approved by act to fund state debt approved Apr. 29. (Govs. special mess. Jan. 30, 1852.)

——. Recommendation for negotiating a loan sufficient to redeem outstanding 3% bonds and interest due thereon. (A.R. state comptroller 1850/1: 493.)
Paging from Collected docs.

——. Review of total indebtedness under act authorizing temporary loan. (Govs. ann. mess. 1851.)

——. Review of state debt. (*Same* 1851.)

——. Rept. urging relief of certain holder of state bonds from loss occasioned by loss of same (first case of its kind and possibly establishing precedent). (Legisl. jol. 1851: 905-907.)

——. Review of state debt outstanding Dec. 31, and amt. funded under act of Apr. 29, 1851. (Govs. special mess. Jan. 30, 1852.)

——. Review of provisions of act of Apr. 29, 1851, for funding state debt, by issue of $700,000 of 7% bonds to be exchanged for outstanding 3% bonds, and failure to fund required amt. by reason of reluctance of holders of 3% bonds to exchange. (*Same* Jan. 30, 1852.)

1851-1852. Treasurer's special rept. re. receipts and disbursements, and operation of funded debt, July 1, 1851, to Feb. 1, 1852. (App. to Sen. jol. 1852: 640-642.)

DEBT: STATE—cont'd

non-serial—cont'd

——. Comptroller's rept. on condition of civil and war debts of state Dec. 31, 1851, with stmt. of payments made into treasury July 1, 1851, to Jan. 27, 1852; acc. Govs. special mess. Jan. 30, 1852. (*Same* 1852: 573-574.)

1851-1853. Review of legislation defining character and extent of public debt and providing for funding of same. (Govs. mess. Jan. 14, 1854.)

1852. Stmt. of condition of 3% bonds on Jan. 31, appended to controller's special rept. (App. to Sen. jol. 1852: 571-572.)

——. Immediate provision urged for complete redemption of 3% bonds, in view of ruinous interest accruing on same. (Govs. ann. mess. 1852.)

——. State credit impaired and state in debt, with not sufficient funds in treasury to meet demands agst. it as result of defective system of raising revenue and providing for state indebtedness. (Govs. special mess. Jan. 30, 1852.)

——. Govs. special mess. on affairs of state (Jan. 30). (Sen. jol. 1852: 71-80.)

Acc. by special rept. of controller on state debt. App. to Sen. jol. sess. 1852: 573-574.

——. Review of 3% bonds outstanding urging immediate redemption of same in view of ruinous amt. of interest rates thereon. (Govs. special mess. Jan. 30, 1852.)

——. Stmt. of bonds issued during yr. and bonds redeemed during yr. (A.R. state treasurer 1851/2: 19.)

——. Review of state debt on Dec. 15. (Govs. ann. mess. 1853.)

——. State bonds issued to defray expenses of suppressing Indian hostilities, and action urged to secure reimbursement from Congress for same. (*Same* 1852.)

1852-1853. Review of state debt. Jan. 1, 1852, and apprns., 1852-1853. (*Same* 1854: 5-6.)

1853. Rept. of committee on finance re. necessity for forwarding to N. Y. interest due on state debt, and insufficiency of amt. in treasury to meet same. (Sen. jol. 1853: 296.)

——. Review of condition of state debt Dec. 20. (Govs. ann. mess. 1854: 4-5.)

——. More than $800,000 of debt incurred by state in defense of frontier. (*Same* 1853.)

——. Rept. re. amt. and existing method of providing for interest on state debt, with suggestions for reduction of interest, and urging apptmt. of 5 state officers to assume authority heretofore vested in treasurer alone. 4 pp. (App. to Assem. jol. 1853 doc. 53.)

——. Comptroller's stmt. of civil and war debt of state, to Mch. 22, with estimate of unpresented war claims; acc. Govs. special mess. 5 pp. (App. to Sen. jol. 1853 docs. 49-50: 9-11; App. to Assem. jol. doc. 42.)

1853/4. Stmt. of bids for redemption of 7% bonds issued under act of 1851. (A.R. state treasurer 1853/4: 24.)

1854. Stmt. of civil indebtedness of state at close of fiscal yr. June 30. (*Same* 1853/4: 25.)

——. Rept. re. cause of failure to pay interest on civil funded debt, due in N. Y. Jan. 1. (Assem. jol. 1854: 567-568.)

——. Speedy settlement of state debt necessary, and provision therefor urged by extension of water front of S. F. and sale of lots within same. (Govs. special mess. May 8, 1854.)

——. Review of state indebtedness, Dec. 20. (Govs. ann. mess. 1855: 6-8.)

DEBT: STATE—cont'd

non-serial—cont'd

1854. Govs. mess. re. treasurer's refusal to accept state prison bonds in payment for property sold by state land comrs., with review of legislation defining funded state debt, showing said prison bonds not to be part of same; Jan. 14. (Assem. jol. 1854: 92-95.)

——. Rept. re. refusal of treasurer to receive state prison bonds in payment for property sold by state land comrs., declaring said bonds to be part of funded debt of state. (*Same* 1854: 113.)

1854-1856. Condensed stmt. of civil debt of state June 30. (A.R. state comptroller 1853/4 (p. 27)—*same* 1856.)

——. Stmt. of temporary state loan bonds issued under act of Feb. 1, 1850; amt. redeemed during each yr. with interest paid thereon, and amt. outstanding at close of yr. June 30. (*Same* 1853/4 (pp. 25-27)—*same* 1855/6.)

——. Stmt. of condition of civil bonds issued under act of 1851/2, showing amt. issued, amt. redeemed, total redemption and balance outstanding. (*Same* 1853/4 (p. 26)—*same* 1855/6.)

——. Stmt. of civil debt, Dec. 20, 1854. (*Same* 1853/4 (p. 30)—*same* 1855/6.)

1854-1857. Receipts and payments of sinking fund of 1851 in acct. with state treasurer. (A.R. state treasurer 1853/4 (p. 14)—*same* 1856/7.)

1855. Stmt. of redeemed and cancelled evidences of indebtedness examined and destroyed by committee apptd. therefor. (Sen. jol. 1855: 738-739; Assem. jol. pp. 775-776.)

——. Treasurer's stmt. of probable amt. required to be in sinking fund to meet principal and interest of state bonds to July 1, 1856, and amts. on hand to provide for same. (Sen. jol. 1855: 254.)

——. Review of arguments for liquidation of state debt by sale of beach and water lot property, showing probable amt. of accumulated interest at time of maturity. (Govs. ann. mess. 1855: 10.)

——. Proceeds from sale of property to be placed under control of state by proposed extension of S. F., probably sufficient to liquidate remaining state indebtedness. (*Same* 1855: 9.)

——. Rept. re. apparent conflict betw. funding act of Mch., 1855, and act providing for state's sale of water lot property in S. F., passed May 18, 1853, as to provision for acceptance of comptroller's warrants in payment for said property. (Assem. jol. 1855: 556.)

——. Treasurer's communication re. discrepancy betw. funding act of 1855 and act providing for sale of water lot property in S. F., passed May 18, 1853, as to their provisions for reception of comptroller's warrants. (Sen. jol. 1855: 482-483.)

1855-1856. Stmt. of civil bonds, issued under act of Mch. 16, 1855, giving total amt. issued to June 30, 1855, and outstanding. (A.R. state comptroller 1854/5 (p. 27)—*same* 1855/6.)

1856. Suggestion to avoid contracting heavy indebtedness heretofore incurred. (Govs. ann. mess. 1856: 10.)

——. Scrip system forced upon state by necessity for deferring cash payments until after redemption of 3% bonds in 1854. (*Same* 1856: 4.)

——. List of objects for which greater part of existing state indebtedness was incurred. (*Same* 1856: 6.)

——. Stmt. of 7% civil bonds, issued under act of Apr. 19, 1856. (A.R. state comptroller 1855/6: 34.)

——. Temporary state loan bonds, issued under act of Feb. 1, 1850. (*Same* 1855/6: 33.)

1856/7. Recommendation re. apprn. for payment of principal and interest on state loan bonds. (A.R. state treasurer 1856/7: 3.)

DEBT: STATE—cont'd

non-serial—cont'd

1857. Rept. and testimony re. investigation of alleged remittance to N. Y. of money for payment of semi-ann. interest due upon funded civil debt of state, due July 1. (Assem. jol. 8 sess. pp. 255-288.)

——. Rept. of committee on various bills re. state debt. (Sen. jol. 8 sess. pp. 623-625.)

——. Rept. of special committee on state debt proposing to fund the debt. 4 pp. (App. to Sen. jol. 8 sess. doc. [2].)

1857-1873. Stmt. of amt. of bonds issued and interest paid on same since 1857. (Bienn. rept. state controller 1871/3: 185.)

1857/8-1873. Interest and sinking fund of 1857. (A.R. state treasurer 1857/8 (pp. 16-17; 28-29)—bienn. rept. *same* 1871/3.)

1859-1862. Stmt. showing amt. expended for interest on state debt. (A.R. controller 1858 (p. 11)—*same* 1861/2.)

1859/60. Recommendations for repeal of funding act of 1857, sec. 7; whenever, on first day of Jan. or July in any yr. there remains, after paying interest, a surplus of $10,000 or more, it shall be duty of treasurer to advertise for redemption of bonds, etc. (A.R. state treasurer 1859/60: 5.)

1860. Communication from atty. gen. on res. re. state indebtedness. (Sen. jol. 11 sess. pp. 306-309.)

——. Rept. on act to provide for payment of $250,000 of outstanding indebtedness of state. (*Same* 11 sess. pp. 514-523.)

1860-1862. Stmt. of amt. expended for redemption of bonds. (A.R. state controller 1859/60 (pp. 15-16) —*same* 1861/2.)

1860-1865. Stmt. of funded debt of state of 1857, showing amt. of bonds issued and redeemed. (*Same* 1859/60 (p. 38)—bienn. rept. *same* 1864/5.)

1861. List of coupons of 7% bonds destroyed. (Sen. jol. 12 sess. p. 779; Assem. jol. pp. 835-836.)

——. Stmt. of amt. expended for purchase of civil bonds. (A.R. state controller 1860/1: 14.)

1861-1865. Stmt. of funded debt of 1860. (*Same* 1860/1 (p. 45)—bienn. rept. *same* 1864/5.)

1861-1877. Stmt. of condition of interest and sinking fund of 1857. (*Same* 1860/1 (pp. 32-33)—bienn. rept. *same* 1875/7.)

1861/2. Stmt. of state debt. (A.R. treasurer 1861/2: 15.)

1862. Rept. on act to provide for paying certain demands issued on faith and credit of state, due May 2. (Sen. jol. 13 sess. pp. 617-624.)

1863. Repts. of state finance committee on Sen. bill 206, re. providing for paying certain demands issued on faith and credit of state, and to contract a funded debt for that purpose. 13 pp. (App. to jols. 14 sess. unnum doc.)

——. Comments on funded debt. (A.R. state controller 1862/3: 9.)

1863-1873. Stmt. of condition of interest and sinking fund of 1860. (*Same* 1862/3 (pp. 84-85)—bienn. rept. *same* 1871/3.)

1864. Rept. of committee on claims re. providing for paying of certain demands, and creating funded debt for that purpose. 4 pp. (App. to jols. 15 sess. v. 2 unnum doc.)

——. Same; minority rept. 4 pp. (*Same* 15 sess. v. 2 unnum doc.)

1864/5-1875. Interest and sinking fund of 1860; receipts. and payments. (Bienn. rept. state treasurer 1863/5 (p. 11)—*same* 1873/5.)

1864/5-1894. Interest acct. of state debt, showing balances on hand July 1; also amts. recd. and paid and balances on hand to meet unpaid coupons June 30. (*Same* 1863/5 (p. 31)—*same* 1892/4.)

DEBT: STATE—cont'd

non-serial—cont'd

——. Transactions in state bonds; bonds sold and redeemed. (*Same* 1863/5 (p. 30)—*same* 1892/4.)

1865. Comments on state debt. (A.R. state controller 1864/5: 6-8.)

1865-1867. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for purchase of state bonds. (*Same* 1864/5 (p. 45)—*same* 1865/7.)

1865-1877. Same; for redemption of state bonds. (*Same* 1864/5 (p. 45)—*same* 1875/7.)

1867-1871. Stmt. of funded debts. (Bienn. rept. *same* 1865/7 (pp. 161-162)—*same* 1869/71.)

——. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for interest on state debt. (*Same* 1865/7 (pp. 73-74)—*same* 1869/71.)

——. Same; for redemption of state debt. (*Same* 1865/7 (p. 74)—*same* 1869/71.)

1869. Same; for redemption of civil bonds of 1857. (*Same* 1867/9: 58.)

——. Same; for purchase of bonds. (*Same* 1867/9: 59.)

——. Recommendation that legisl. authorize state treasurer to make exchange of bonds issued under acts of 1857 and 1860, held by him in trust for school fund, for similar amts. of bonds issued for soldiers' relief and soldiers' bounty. (*Same* 1867/9: 6.)

1869/71-1873. Debt of state of Cal.; funded debt. (Bienn. rept. state treasurer 1869/71 (p. 33)—*same* 1871/3.)

1871/3. Table giving stmt. of funded debt July 1, 1871, amt. redeemed, amt. refunded, and amt. outstanding June 30, 1873. (Bienn. rept. state controller 1871/3: 10-11.)

1873/5-1875/7. State debt and assets June 30. (Bienn. rept. state treasurer 1873/5 (p. 34)—*same* 1875/7.)

1873/5-1882/4. Interest and sinking fund, receipts and payments. (*Same* 1873/5 (p. 11)—*same* 1882/4.)

1879-1894. State debt and kind of money in treasury, June 30. (*Same* 1877/9 (p. 16)—*same* 1892/4.)

1880-1904. Stmt. of condition of interest and sinking fund. (Bienn. rept. state controller 1879/80 (p. 43) —*same* 1902/4.)

1880/2-1884. Receipts and payments on funded debt fund of 1873. (Bienn. rept. state treasurer 1880/2 (p. 13)—*same* 1882/4.)

1882-1884. Stmt. of condition of funded debt fund of 1873. (Bienn. rept. state controller 1880/2 (p. 95) —*same* 1882/4.)

1882-1886. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for payment of interest on bonds. (*Same* 1880/2 (p. 67)—*same* 1884/6.)

1887/8. Transactions in bonds of state bd. of examiners for past 2 yrs. (A.R. bd. examiners dated 1889: 3-6.)

1888. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for payment of interest. (Bienn. rept. state controller 1886/8: 59.)

1888-1904. Same; for purchase of bonds. (*Same* 1886/8 (p. 59)—*same* 1902/4.)

1894/6. Stmt. showing indebtedness in bonds of state. (Bienn. rept. state treasurer 1894/6: 16.)

1895-1904. Comparative stmt. of bonds purchased and showing to what extent and good new law has worked. (A.R. bd. examiners dated 1905: 10.)

DEBT: STATE—cont'd

non-serial—cont'd

1896-1904. Stmt. showing state debt at close of business, June 30. (Bienn. rept. state treasurer 1894/6 (p. 15)—*same* 1902/4.)

Claims Against State

serial

1 series

Under Act of April 1, 1870, to provide for liquidation of all claims agst. state.

1871-1881/2. Rept. of state bd. of examiners.

In Collected docs. as follows:

1871	in	Sen. jol. 19 sess. pp. 88-94.						
"	"	Assem. jol. 19 sess. pp. 51-57.						
1873	"	App. to jols.	20	sess.	v. 5	[doc. 13].		
1876/9	"	"	"	"	23	"	v. 5	unnum. doc.
1880	"	"	"	"	24	"	v. 2	" "
1881/2	"	"	"	"	25	"	v. 1	" "

2 series

1887/9-1902/4. Rept. [bienn.] of bd. of examiners.

In Collected docs. as follows:

1887/9	in	App. to jols.	28	sess.	v. 1	unnum.	doc.	
1889/90	"	"	"	29	"	v. 1	"	"
1891/2	"	"	"	30	"	v. 1	"	"
1893/4	"	"	"	31	"	v. 1	"	"
1894/6	"	"	"	32	"	v. 1	"	"
1896/8	"	"	"	33	"	v. 1	doc.	[7].
1898/00	"	"	"	34	"	v. 1	"	[2].
1900/2	"	"	"	35	"	v. 1	"	[3].

1900/2-1902/4 not found.

non-serial

1850. Review of issue of controller's warrants in payment for claims on state. (A.R. controller 1850.)

1852. Repts. of committee on claims; brief stmts. re. advisability of paying or rejecting various claims later on. (Assem. jol. 1852: 371.)

First collected stmts. re. claims.

1853. Rept. of Indian affairs committee recommending payment of claim of O. S. Wetherby. 4 pp. (App. to Assem. jol. 4 sess. doc. 31.)

1855. Rept. of claims committee on claim of city of Sacramento agst. state of Cal. for expenditures incurred on acct. of sick and destitute non-residents of Sacramento, from Dec., 1849, to May, 1851. 7 pp. (*Same* 6 sess. doc. 15.)

1856-1857. Exhibit of accts. acted on by bd. of examiners. (Sen. jol. 9 sess. p. 45; Assem. jol. p. 62.)

1858. Rept. recommending payment of claims of Wells, Fargo & Co. for express charges on papers and docs. of Sen. (Sen. jol. 9 sess. p. 579.)

——. Communications re. Hereford claim for services rendered in prosecuting suits agst. late treasurer. (*Same* 9 sess. pp. 371-373.)

——. Stmt. of claims, bills, repudiated comptroller's warrants, and petitions acted upon by jt. committee on claims. (*Same* 9 sess. pp. 669-675.)

1859. Stmt. of claims agst. state which have been rejected by bd. of examiners. (Assem. jol. 10 sess. pp. 201-202; 256.)

——. Stmt. of claims agst. state. (Sen. jol. 10 sess. pp. 252-253; 309; 504; 808-813.)

——. Stmt. of accts. for sundry expenses communicated by bd. of examiners. (*Same* 10 sess. pp. 144-145; 211; 256; 284; 425; 435; 438; 506; 532; 567; 623; 697; 730; 792-793.)

1860. Stmt. of equitable claims agst. state to be funded under act of Apr. 30, 1860. (A.R. state controller 1859/60: 38.)

1870. Rept. re. certain accts. agst. Sen. and recommending that they be paid. 6 pp. (App. to jols. 18 sess. v. 3 doc. [50].)

1881. Claims for deficiencies for previous yrs. (A.R. bd. examiners dated Jan. 1, 1881: 7-8.)

1883. Corresp. re. claim of Jas. Mackubin, Ellicott City, Md., agst. state of Cal. (*Same* dated Jan. 1, 1881, to Dec. 31, 1882: 15-16.)

——. Corresp. re. claim of Confer Bros. (*Same* dated Jan. 1, 1881, to Dec. 31, 1882: 13-15.)

DEBT: STATE—cont'd

Claims Against State—cont'd

non-serial—cont'd

1884-1887. Stmt. of claim of D. Beaumont. (*Same* dated 1889: 36-38.)

1886. Comments on delays in payment of claims: recommendation that passage of act requiring all bds. and heads of depts. to consider and pass upon all bills properly coming before them for consideration not later than 10th of each mo. and that state bd. of examiners be required to meet at least once each wk. to consider bills coming before it for action. (Bienn. rept. state controller 1884/6: 36-37.)

1887/8-1890. Stmt. giving list of rejected claims for past 2 yrs.; also claims for which no apprn. has been made. (A.R. bd. examiners dated 1889 (pp. 7-18)—*same* 1888/90.)

1887/8-1900. Comment on deficiency claims; complete list of all such, synopsis of their history, reason for approval of bd. and apprn. agst. which they are chargeable. (*Same* dated 1889 (pp. 18-31)—*same* 1899/00.)

1888. Claims of J. Mackubin, W. W. Sheldon, Thos. Stephenson, and D. B. Woolf. (*Same* dated Jan. 1, 1881, to Dec. 31, 1882: 4-5.)

1888/90-1904. Claims approved by state bd. of examiners for which no apprns. have been made. (*Same* dated 1891 (pp. 16-21)—*same* 1902/4.)

1889. Rept. on investigation of all matters re. any unpaid claims agst. state. (Sen. jol. 28 sess. pp. 984-986.)

1890-1900. List of claims rejected and disallowed; also list of special and extraordinary claims. (A.R. bd. examiners dated 1891 (pp. 25-28)—*same* 1899/00.)

1892. Comments on claims for less than $100 that have accrued prior to 44th fiscal yr. (*Same* dated 1893: 43.)

——. Stmt. of claims transmitted without recommendation. (*Same* dated 1893: 33-39.)

1893. Govs. mess.; changes needed in laws re. claims agst. state, etc. (Sen. jol. 30 sess. pp. 542-543; Assem. jol. pp. 516-518.)

1898. Comments on deficiencies granted. (A.R. bd. examiners dated 1899: 18.)

——. Condensed stmt. showing amt. of deficiency claim approved by bd. under sec. 663 of political code. (*Same* dated 1899: 4-6.)

1901. Veto of act making apprn. to pay claim of Marin Co. agst. state. (Sen. jol. 34 sess. pp. 1228-1229.)

——. Veto of act appropriating money for payment of claim of Pacific Coast Steamship Co. agst. state. (Assem. jol. 34 sess. p. 590.)

1902. List of claims approved as deficiencies under sec. 5, of general apprn. act, and recommendation for payment of apprns. (A.R. bd. examiners dated 1903: 4.)

1904. Comments on rejected claims reconsidered. (*Same* dated 1905: 9.)

Interest Fund; see Finance: State. Funds

War Debt; see War Expenditures

Warrants; see Finance: State. Expenditures

DEER; see FISH AND GAME

DEFALCATIONS

State Officers; see Finance: State. Misappropriation, etc.

DEL NORTE COUNTY (1857)

Assessors; see Taxation: State

Bullion Production

1885. See Natural Resources. Mineral. Production; this date.

DEL NORTE COUNTY (1857)—cont'd
Coal in
1892/4-1894/6. See Natural Resources. Mineral. Coal; these dates.
Copper in
1892/4-1894/6. See Natural Resources. Mineral. Copper; these dates.
Forests; see Natural Resources
Fruit Crop; see Agriculture. Crops
Gold in
1879-1880. See Natural Resources. Mineral. Gold; these dates.
1881. See same; this date.
1892-1895. See same; these dates.
1892/4-1894/6. See same; these dates.
Iron in
1892/4-1894/6. See Natural Resources. Mineral. Iron; these dates.
Manganese in
1892/4-1894/6. See Natural Resources. Mineral. Manganese; these dates.
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Platinum in; see Natural Resources. Mineral
Sandstone in; see Natural Resources. Mineral
Silver in
1892-1895. See Natural Resources. Mineral. Gold; these dates.

DENTISTS
License; see that title

DESERT LAND; see LAND

DIABASE; see NATURAL RESOURCES. MINERAL

DIAMONDS; see NATURAL RESOURCES. MINERAL

DIPHTHERIA; see PUBLIC HEALTH

DIRECT TAX; see FINANCE: STATE. REVENUE

DISCHARGED CONVICTS; see CONVICTS

DISEASES
Human; see Public Health
Livestock; see Agriculture

DISSOLVED SAVINGS BANK FUND; see BANKS. SAVINGS BANK FUND

DIVORCE; see VITAL STATISTICS

DOCKS; see WHARVES AND DOCKS

DRAINAGE
Land
For drainage local works, see Land: Drainage. For the drainage construction works of the state, see River Conservancy. This division has been made to avoid unnecessary duplication.

DRAINAGE CONSTRUCTION FUND; see RIVER CONSERVANCY

DRIED FRUIT
Industries; see Industries, etc.

DROUGHT; see CLIMATE

DRUGGISTS
License; see that title

EARTHQUAKES
1872. The Owens Valley earthquake of Mch. 26; articles by Prof. Whitney, published in "Overland Monthly" for Aug. and Sept., 1872. (8 A.R. state mineralogist 1887/8: 288-309.)
1887. List of recorded earthquakes in Cal., Lower Cal., Ore., and Wash. Ter.; comp. by E. S. Holden. 78 pp.

EDUCATION
1865. Table showing educational resources of the more prominent Amer. colleges. (Trans. state agric. socy. 1864/5: 84.)
——. National bureau of education favored. (1 bienn. rept. supt. public instruction 1864/5: 77.)

CALIFORNIA
serial
A

1866-1885. Rept. of Assem. committee on education re. state reform school, etc.
In Collected docs. as follows:
1866 in App. to jols. 16 sess. v. 3 unnum. doc. 4 pp.
" " Assem. jol. 16 sess. pp. 562-564.
State Normal School, Deaf, Dumb and Blind Asylum, Industrial School, and Orphan Asylums at S. F.
1870 in App. to jols. 18 sess. v. 2 unnum. doc. 6 pp.
State Normal School, Deaf, Dumb and Blind Asylum, and State University.
1876 in App. to jols. 21 sess. v. 5 unnum. doc. 5 pp.
State University, State Normal School and Deaf, Dumb and Blind Asylum.
1883 in Assem. jol. 25 sess. pp. 375-377.
As above.
1885 in Assem. jol. 26 sess. pp. 558-562.
As above.

B
REPORTS
1 series
Under Act approved May 1, 1851.

1851-1862/3. Ann. rept. of supt. of public instruction, 1-13.
In Collected docs. as follows:
1. 1851 in App. to Assem. jol. 1852: 803-824.
2. 1852 " " " Sen. " 1853 doc. 61.
3. 1853 not found.
unnum. 1854 in App. to Assem. jols. 6 sess. doc. 4.
" 1854 " " " Sen. " 6 " " 4.
5. 1855 " " " Assem. " 7 " " [7].
5. 1855 " " " Sen. " 7 " " 4.
6. 1856 " " " Assem. " 8 " unnum. doc. [5].
6. 1856 " " " " " 8 " pp. 115-122.
unnum. 1857 " " " " " 9 " unnum. doc. [5].
" 1857 " " " Sen. " 9 " " " [5].
" 1858 " " " Assem. " 10 " " " [4].
" 1858 " " " Sen. " 10 " " " [4].
" 1859 " " " Assem. " 11 " " " [4].
" 1859 " " " Sen. " 11 " " " [4].
10. 1860 " " " Assem. " 12 " " " [4].
10. 1860 " " " Sen. " 12 " " " [4].
11. 1861 " " " " " 13 " " " [5].
12. 1862 " " " " " 14 " " " [5].
13. 1862/3 " " " " " 15 " " "

2 series
1863/5-1902/4. Bienn. rept. of supt. of public instruction, 1-21.
In Collected docs. as follows:
1. 1863/5 in App. to jols. 16 sess. v. 2 unnum. doc.
2. 1865/7 " " " " 17 " v. 2 " "
3. 1867/9 " " " " 18 " v. 1 " "
4. 1870/2 " " " " 19 " v. 1 " "
5. 1871/3 (sic.) in App. to jols. 20 sess. v. 1 unnum. doc.
6. 1873/5 in App. to jols. 21 sess. v. 3 unnum. doc.
7. 1875/7 " " " " 22 " v. 1 " "
8. 1877/9 " " " " 23 " v. 2 " "
9. 1879/80* " " " " 24 " v. 1 " "
10. 1880/2 " " " " 25 " v. 1 " "
11. 1882/4 " " " " 26 " v. 1 " "
12. 1884/6 " " " " 27 " v. 1 " "
13. 1886/8 " " " " 28 " v. 1 " "
14. 1888/90 " " " " 29 " v. 1 " "
15. 1890/2 " " " " 30 " v. 1 " "
16. 1892/4 " " " " 31 " v. 1 " "
17. 1894/6 " " " " 32 " v. 1 doc. [13].
18. 1896/8 not printed.
19. 1898/00 in App. to jols. 34 sess. v. 1 doc. [9].
20. 1900/2 " " " " 35 " v. 1 " [12].

* This rept. covers only 1 yr.

EDUCATION—cont'd

CALIFORNIA—cont'd

serial—cont'd

B—cont'd

BULLETINS

1 series

1899-1903. Circulars, nos. 1-20. Jan. 16, 1899 to Aug. 29, 1903. 4°.

Some printed; some typewritten.

2 series

1903-1904. Bulls., nos. 21-35. Sept. 1, 1903, to June 21, 1904. 4°.

non-serial

1849-1865. Historical sketch of public school system of Cal. (1 bienn. rept. supt. public instruction 1864/5: 239-291.)

1849-1879. Historical sketch of foundation and endowments of state system of free public education. (8 *same* 1878/9: 5-9.)

1850-1856. Brief review of state legislation re. schools and school lands; importance of ascertaining state of school lands within each co.; communication from co. supt. of Humboldt re. same, being the only rept. on this subject recd. by state supt. (6 A.R. *same* 1856: 3-6.)

1850-1880. Retrospective review of education in state, résumé of school legislation, work of state supts., State University, State Normal School, denominational colleges, and private schools. (8 bienn. rept. *same* 1878/9: 10-24.)

1850-1904. The elementary schools of Cal.; by J. Swett; a monograph published by dept. of education, Cal., La. Purchase Exposition comn. (21 *same* 1902/4: 102-113.)

1851. Rept. of supt. of public instruction pursuant to res. of Apr. 2, re. general educational conditions in state and suggestions for establishment of school system. (Legisl. jol. 1851: 1562-1569.)

——. Present school law inadequate, a thoroughly digested and carefully prepared school law needed; suggestion that small property tax be levied for support of schools for the present and that provision be made for co. supt. and distr. school librarian. (1 A.R. supt. public instruction 1851: 804-805.)

Paging from Collected docs.

1851-1852. School statistics given in narrative form by cos. imperfect. (1 *same* 1851 (pp. 817-824)—2 *same* 1852.)

Paging from Collected docs.

1851-1904. Secondary education in Cal.; by J. B. McChesney; a monograph published by dept. of education, Cal., La. Purchase Exposition comn. (21 *same* 1902/4: 114-129.)

——. Cumulative comparative summary, by yrs., of public schools, from returns of school census marshals and teachers. (2 bienn. rept. *same* 1866/7 (p. 189)—21 *same* 1902/4.)

1852. Review of constitutional provisions for educational revenue. (Govs. ann. mess. 1852.)

——. Suggestions for needed changes and additions in new school law; sec. in bill creating co. supt. accidentally omitted, therefore no school moneys could be legally distributed; recommended that co. assessors be constituted co. supts. of common schools, that in case of neglect to elect school comrs. that co. supt. be empowered to appt. same; that school comrs. rept. ann. to co. supts. and to supt. public instruction; that some provision be made to meet interest on comptroller's warrants paid into treasury for school lands, also for schools taught in churches for want of suitable school houses; that provision be made for uniform system of school books. (2 A.R. supt. public instruction 1852: 6-8.)

EDUCATION—cont'd

CALIFORNIA—cont'd

non-serial—cont'd

1852-1855. Admirable school system, and school fund of over one-half million dollars inviolably devoted to support of said system in 1855, compared with entire absence of school system or funds in 1852. (Govs. ann. mess. 1856: 8.)

1852-1865. Historical statistical tables of public schools from their organization; apportionments, receipts, expenditures, no. of children, average attendance, amt. of school taxes; salaries, etc., by yrs. and cos. (1 bienn. rept. supt. public instruction 1864/5: 300-331.)

1852-1867. Comparative table showing no. of children betw. 4 and 18 from 1851 to 1865 and betw. 5 and 15 for 1866 and 1867. (2 *same* 1866/7: 20.)

1853. Rept. of committee on education re. changes necessary in school law established by act of May 3, 1852. 4 pp. (App. to Sen. jol. 1853 doc. 70.)

1853-1854. Comparison of school statistics of past 2 yrs.; exhibiting the fact that nearly three-fourths of children of state are growing up devoid of learning to read or write; amt. of decrease in state apprn. for 1853 and 1854; immediate remedial action necessary. (4 A.R. supt. public instruction 1854: 3-4.)

1853-1857. Stmt. of no. as reported by census of school children in state; no. of schools, teachers, and amt. of school money appropriated since organization of system. (Sen. jol. 9 sess. p. 45; Assem. jol. p. 62.)

——. Comparison of average daily attendance on public schools since first reported. (1 bienn. rept. supt. public instruction 1864/5 (p. 39)—2 *same* 1866/7.)

——. Comparative table showing no. of children reported, no. of schools, no. of teachers, and amt. apportioned each yr., by cos. (7 A.R. *same* 1857: 16-17.)

1854. From fact that densely settled mt. cos. are, by reason of non-survey, thus cut off from township 16th and 36th secs., some remedy should be provided by Congress. (4 *same* 1854: 5.)

——. In every co. of state schools exist; Germans of S. F. are teaching the language of the "Faderland" [*sic*]; Spanish and French are taught in flourishing but expensive private schools; co. institutes are being established; State Teachers' Inst. established, and first Educational Convention of the Pacific has been held. (4 *same* 1854: 4.)

1854-1857. Recapitulation of repts. re. public schools, consolidated from co. and township repts. (4 *same* 1854 (foldg. table)—7 *same* 1857.)

No returns in 1856.

1855. Three colleges incorporated. (Govs. ann. mess. 1856: 8.)

——. Defects in school law, remedial legislation suggested. (5 A.R. supt. public instruction 1855: 8-9.)

1855-1856. Uniform system of mngmt. recommended for township schools, uniform series of text-books, and non-sectarian and non-political control of common schools. (5 *same* 1855 (pp. 9-10)—6 *same* 1856.)

1855-1879. Diagrams showing growth of schools in nos., school attendance, no. of census children, and salaries paid teachers. (8 bienn. rept. *same* 1878/9: 2.)

1856. Provision should be made in every township now established and in every township of 6 miles square, as soon as surveyed, not only for election of school comrs., but also for levying of such rates of taxation necessary to support one or more schools free of charge to all children within township; in event of any township failing to take such action,

EDUCATION—cont'd

CALIFORNIA—cont'd

non-serial—cont'd

should be made duty of co. supervisors to fix rate of taxation in such townships; amendatory act providing that school moneys be distributed in proportion to average attendance, instead of no. resident, recommended. (6 A.R. *same* 1856: 7.)

1857-1863. Statistical comparison of progress of schools during past 6 yrs. (12 *same* 1862: 3-6.)

1858. On condition of Cal. school system; out of 40,530 children reported betw. 4 and 18 yrs. of age in state, average attendance was 11,183; direct apprn. of $100,000, over and above usual interest paid upon school fund recommended. (8 *same* 1858: 3-8.)

——. On working of school system; state supt. addressed himself during past yr. to reorganization of dept. and reformation of abuses on part of school officers; full and detailed repts. made for first time by school marshals and co. supts.; system of educational exchanges organized and registry for teachers opened; small apprn. for lectures on education suggested. (8 *same* 1858: 8-10.)

——. Commentaries on the school law, with elements of school architecture. 184 pp. (Supt. public instruction.)

Not seen; entry from Bowker.

1858-1859. Amdmts. to school law recommended extending term during which school shall be maintained to entitle it to apportionment, from 3 to 6 mos.; creating co. and state bd. of examiners; clearly defining rights and duties of co. treasurers in matter of deducting percentage for disbursing school funds; prohibiting use of school fund for payment of officers' salaries; allowing adjoining distrs. to unite funds; increasing co. tax for support of schools; remedying inconsistency in law, fixing time for census repts.; prohibiting negroes entering public schools for white children. (8 A.R. supt. public instruction 1858 (pp. 10-15)—9 *same* 1859.)

1858-1904. Statistical tables exhibiting condition of public schools, by cos.; no. of children, average attendance, expenditures, apportionments, school houses, teachers, etc. (8 *same* 1858 (pp. 26-34)—21 *same* 1902/4.)

1859. Remedial legislation to correct defect in law re. certificates of election to trustees, and to compel schools to be conducted on a cash basis. (9 *same* 1859: 12-13.)

1859-1896. Statistical review of progress in public schools during yr. (9 *same* 1859 (pp. 3-6)—17 *same* 1894/6.)

Not found in 1870/1.

1860. Compensation inadequate to secure efficient teachers; direct apprn. for support of schools, in addition to interest ordinarily paid on school fund recommended. (10 *same* 1860 (pp. 7-9)—11 *same* 1861.)

1862. Rate bills necessary evil until state is prepared to furnish larger means for support of schools; recommended legislation to enforce payment of same. (12 *same* 1862: 19-20.)

1863. Rept. on state educational diplomas granted. (13 *same* 1863: 38-41.)

——. The schools and the state; public schools and patriotism. (13 *same* 1863: 97-111.)

——. Comment on attendance; comparison with Mass. schools. (13 *same* 1863: 11.)

——. Forms of repts. of the educational dept. carefully revised and simplified; comment on same. (13 *same* 1863: 43-49.)

——. On condition of schools; only a little more than one-fourth are free schools; rest partially maintained by rate bills and tuition. (13 *same* 1863: 9-10.)

1863-1867. Review of educational progress of state since 1862. (2 bienn. rept. *same* 1866/7: 135-144.)

——. Comment on school census of children. (13 A. R. *same* 1863 (pp. 10-11)—2 bienn. rept. *same* 1866/7.)

——. Review of financial school legislation and progress of schools during last 5 yrs.; 1867 marks transition period from rate bill to free school system. (2 bienn. rept. *same* 1866/7: 5-6.)

——. Principal amdmts. and new provisions of revised school law. (13 A.R. *same* 1863 (pp. 21-22) —2 bienn. rept. *same* 1866/7.)

1863-1888. On educational progress in Cal. during past 25 yrs. (13 A.R. *same* 1886/8: 5.)

1864-1865. Comments on statistics from school registers. (1 bienn. rept. *same* 1864/5: 38.)

——. Comparison of Cal. schools with other states. (1 *same* 1864/5: 31-32.)

1864-1867. Comment on average length of schools. (1 *same* 1864/5 (pp. 40-41)—2 *same* 1866/7.)

1864/5. Comparative financial stmt. betw. incorporated cities and rural distrs. of state. (1 *same* 1864/5: 228-229.)

——. Comparative stmt. of school census marshals' returns, betw. cities and rural distrs. (1 *same* 1864/5: 230.)

——. Same; of city and co. schools from repts. of teachers and trustees. (1 *same* 1866/7: 231.)

1865. Statistical comparison betw. schools of incorporated cities and those of rural distrs. (1 *same* 1864/5: 33-35.)

——. State educational journal: stmt. by cos. showing no. of teachers and no. of subscribers for Cal. Journal; recommendation that state supt. be authorized to subscribe for sufficient no. of copies to supply each distr. library and each distr. clerk. (1 *same* 1865: 68-74.)

——. Improvements in methods of teaching. (1 *same* 1864/5: 122-124.)

——. School discipline; relation of teacher and pupil; corporal punishment; punishment for misconduct out of school. (1 *same* 1864/5: 154-167.)

——. Public schools and taxation; an appeal to legisl. (1 *same* 1864/5: 175-178.)

——. Rept. on school visits. (1 *same* 1864/5: 87-90.)

——. Comment on no. of free schools maintained without resort to rate bill. (1 *same* 1864/5: 42.)

——. Results of operations of new school laws re. co. institutes, school trustees, distr. taxes, state teachers' certificates, uniform series of text-books, half-mill, co., and distr. school taxes, teaching U. S. history, supplying Cal. Teacher to each bd. of trustees, and division of distrs. (1 *same* 1864/5: 52-57.)

——. Amdmts. to school laws recommended enlarging bd. of education and empowering same to prescribe regular course of study for ungraded schools; to prepare rules and regulations governing teachers and pupils, and to issue teachers' life certificates under certain conditions. (1 *same* 1864/5: 57-59.)

——. Revision and rearranging of whole school law recommended. (1 *same* 1864/5: 74-75.)

——. Additional legislation recommended re. powers and duties of teachers, and of co. supts.; also providing that public schools, except in incorporated cities, be open to all white children betw. 5 and 21 resident in distr.; that asst. be employed in school exceeding 60; that except in incorporated

EDUCATION—cont'd

CALIFORNIA—cont'd

non-serial—cont'd

cities, schools should be divided into three grades—grammar schools, those betw. grammar and primary, and primary—to correspond with the three grades of certificates; and that no distr. should be entitled to its apportionment unless kept open during 5 mos. of the yr. (1 *same* 1864/5: 63-65.)

1865-1867. Comment on no. of schools in state. (1 *same* 1865 (p. 40)—2 *same* 1866/7.)

——. The importance of moral training in public schools; the Bible in the schools. (1 *same* 1864/5 (pp. 144-154)—2 *same* 1866/7.)

——. Review of public school property of state, and valuation. (1 *same* 1864/5 (pp. 29-30)—2 *same* 1866/7.)

——. Course of study for ungraded schools. (1 *same* 1864/5 (pp. 124-130)—2 *same* 1866/7.)

1865-1874. Cal. colleges, college schools, and seminaries. (1 *same* 1864/5 (pp. 392-417)—5 *same* 1872/3.)

1866-1896. Table giving percentage of increase or decrease in state school population. (6 *same* 1874/5 (p. 8)—17 *same* 1894/6.)

——. Comparative tables giving school census of children, no. and percentage attending public and private schools, average daily attendance, mo. and percentage of non-attendance and truancy. (5 *same* 1872/3 (pp. 12-13)—17 *same* 1894/6.)

1867. School distr. elections. (2 *same* 1866/7: 15-18.)

——. School children and estimated population of state. (2 *same* 1866/7: 28-29.)

——. Comment on forms and blanks of educational dept. (2 *same* 1866/7: 38-39.)

——. The inspection of schools. (2 *same* 1866/7: 53-58.)

——. School discipline; the self-reporting system. (2 *same* 1866/7: 58-63.)

——. Children not attending school. (2 *same* 1866/7: 28.)

——. Educational directory. (2 *same* 1866/7: 89-97.)

1868-1871. Abstr. of school statistics from state supt's. rept. (3 *same* 1868/9 (pp. 84-85)—4 *same* 1870/1.)

1869. Favorable comment on cosmopolitan schools. (3 *same* 1868/9: 33-34.)

——. On importance of parents visiting public schools. (3 *same* 1868/9: 12.)

——. On importance of office of school trustee and need of reform. (3 *same* 1868/9: 7-8.)

1871. The next step—a true system of education; present system inadequate for frontier and sparsely settled distrs.; state system and co. system of taxation discussed; state supt. in favor of former. (4 *same* 1870/1: 51-56.)

——. Comparative table showing for different states no. of census children, attendance at schools, no. and sex of teachers, average wages paid teachers, no. of children taught by one teacher, and average length of school term. (4 *same* 1870/1: 106.)

——. A new departure in school discipline: abolition of corporal punishment in Lincoln Grammar School, S. F. (4 *same* 1870/1: 93-96; 156-165.)

1873. Discussion of ways and means of providing for every distr. sufficient and equal educational facilities; draft of new revenue law designed to supply each distr. with an 8 mos. school. (5 *same* 1872/3: 40-63.)

1873-1875. Synopsis of revised course of instruction by state bd. of education. (5 *same* 1872/3 (pp. 214-249)—6 *same* 1874/5.)

1875. The unprecedented advance made in popular education in state. (6 *same* 1874/5: 19-20.)

——. Half-time system of schools favored. (6 *same* 1874/5: 72-76.)

EDUCATION—cont'd

CALIFORNIA—cont'd

non-serial—cont'd

1875. Program for teaching revised course of studies; general suggestions for teaching said comrs. (6 *same* 1874/5: [3*]-95*.)

1876. Veto of Sen. bill 250 to provide for construction and maintenance of an academy in Tehama Co. 6 pp. (App. to jols 21 sess. v. 5 unnum. doc.)

1876/7. Comparative table showing school population, average attendance, and percentage of average attendance on school population. (8 bienn. rept. supt. public instruction 1878/9: 5.)

1877. Quality of education given in public schools; extracts from recent state repts. showing trend of public sentiment in country on needed reforms; common sense in public schools. (7 *same* 1876/7: 9-14.)

——. Amdmts. to school law recommended. (7 *same* 1876/7: 16-18.)

1878. Our public schools: address delivered before State Teachers' Assn. by Gov. Irwin. (8 *same* 1878/9: 195-205.)

1879. Suggestions and recommendations re. school libraries, free text-books, permanency of teachers' positions, local school mngmt., metric system, spelling reform, and kindergarten. (8 *same* 1878/9: 38-44.)

——. Changes in school law under new constitution. (9 *same* 1879/80: 16-28.)

1882. Minor changes suggested in school laws. (10 *same* 1880/2: 26-27.)

1882-1896. Rept. on condition of Cal. public schools. (10 *same* 1880/2 (pp. 15-19)—17 *same* 1894/6.)

1883/4-1903/4. Comparative table showing no. of accredited schools, each yr. since first accrediting of schools; also list of accredited schools for 1903/4. (21 *same* 1902/4: 53-56.)

1884. Suggested legislation for establishment of work schools by state. (11 *same* 1882/4: 40a-40c.)
Repeated in 1884/6.

——. Recommended changes in school law of last rept. repeated. (11 *same* 1882/4 (pp. 21-22)—13 *same* 1886/8.)

1887-1890. Review of important legislation of past sess. (13 *same* 1886/8 (pp. 53-54)—14 *same* 1888/90.)

1888. Comments on census of school children, and suggestion that law be amended. (Bienn. rept. state controller 1886/8: 28.)

——. Recommended legislation requiring co. supts. to make ann. repts. of progress and condition of each school in their resp. cos. (13 rept. supt. public instruction 1886/8: 22.)

1888-1890. On importance of study of civil govt. in public schools; recommended that state cause to be compiled an elementary work on this subject for use of schools in state. (13 *same* 1886/8 (p. 50)—14 *same* 1888/90.)

1890. On importance of teaching morals and manners in public schools: legislation re. scientific temperance institution suggested. (14 *same* 1888/90: 32-33.)

——. Recommendation that balance of fund remaining from apprn. for meeting of National Educational Assn. be made nucleus of a fund for erecting an educational bldg. and establishing permanent educational exhibit. (14 *same* 1888/90: 36.)

——. An educational directory of Cal.; suppl. to 14th bienn. rept. of supt. of public instruction. 77 pp.
Not seen; entry from Bowker.

——. Course of study for the public schools of Cal., recommended by the state bd. of education as a basis for courses of study to be adopted by co. bds. of education. 27 pp.
Not seen; entry from Bowker.

EDUCATION—cont'd

CALIFORNIA—cont'd

non-serial—cont'd

1893-1901. Comparative enrollment for intervals of 6 or 8 yrs., showing that comparison of present 8th grade with present 1st grade is about the same as comparison of present 8th grade with 1st grade of 8 yrs. ago, from which present 8th grade class was derived. (10 bienn. rept. labor statistics 1901/2: 55.)

1894. Changes in school law recommended at bienn. convention of supts. (16 rept. supt. public instruction 1892/4: 64-67.)

1895. Rules adopted by bd. of education for granting diplomas and normal docs. (17 *same* 1894/6 (pp. 24-25)—20 *same* 1900/2.)
Not given in 1899/00.

1896. Comment on res. adopted by National Educational Assn. of 1895 authorizing investigation of rural school problem. (17 *same* 1894/6: 14.)

1896-1900. List of accredited colleges and universities recognized by state bd. of education under provisions of sec. 1775 of Political Code. (17 *same* 1894/6 (p. 76)—19 *same* 1898/00.)

1899-1900. Summary of statistics of primary and grammar schools. (19 *same* 1898/00: 94-95.)

1899-1904. Review of statistics, showing increase or decrease in census of children, attendance in schools, receipts and expenditures, and valuation of school property. (21 *same* 1902/4: 18-21.)

1900. General information, by cos.; given by co. supts. (19 *same* 1899/00: 127-150.)

——. In view of failure of educational legislation during past two sess. of legisl., a state education comn. was formed to attempt to awaken public interest; proceedings of said comn. (19 *same* 1898/00: 8-15.)

1900/1. Statistical table; comparison of city schools. (20 *same* 1900/2: 122-123.)

1901. Table showing enrollment of boys and girls in successive grades of public schools of seven principal cities of Cal. during mo. of Feb., 1901. (10 bienn. rept. labor statistics 1901/2: 53.)

1901-1902. Summary of statistics; high schools, normals, primary, and grammar. (20 rept. supt. public instruction 1900/2 (pp. 159-163)—21 *same* 1902/4.)

1902. Educational outlook in state. (20 *same* 1900/2: 7.)

1902-1904. Table showing no. of educational docs. granted by state bd. of education from July 1, 1902, to June 30, 1904. (21 *same* 1902/4: 26.)

1903/4. Statistical tables of city schools. (21 *same* 1902/4: 245-248.)

——. Secondary schools in Cal., 1903/4. Comp. by University in Dec., 1903. 77 pp.

SACRAMENTO

1853-1867. Statistical review of Sacramento city schools. (2 bienn. rept. supt. public instruction 1866/7: 221-229.)

SAN FRANCISCO

1849/50-1866/7. The public schools of S. F.; statistics for 1867, and comparative statistics for previous yrs.; school houses. (2 bienn. rept. supt. public instruction 1866/7: 203-221.)

1870. Stmt. of condition and wants of public school dept. of S. F. by committee of bd. of education. 42 pp. (App. to jols. 18 sess. v. 2 unnum. doc.)

1878. Memorial of S. F. bd. of education to legisl. 4 pp. (*Same* 22 sess. v. 4 [doc. 11].)
Protest agst. McCoppin bill which forbids teaching of music and of languages other than English in common schools of state.

——. Minority rept. of S. F. delegation on Assem. bill 116. 4 pp. (*Same* 22 sess. v. 4 [doc. 17].)
Re. bd. of education of city and co. of S. F.

1882. The S. F. school dept. (10 rept. public instruction 1880/2: 28-30.)

EDUCATION—cont'd

Aliens

1863-1865. Mongolian, Indian, and negro children in state; provision for separate schools advised. (13 A.R. supt. public instruction 1863 (pp. 67-68)—1 bienn. rept. *same* 1864/5.)

1867. Schools for negro and Mongolian children. (2 bienn. rept. *same* 1866/7: 22.)

Board of Education

1866-1875. Rules and regulations of public schools of Cal. adopted by state bd. of education. (3 bienn. rept. supt. public instruction 1866/7 (pp. 281-285)—6 *same* 1874/5.)
Not found in 1868/9-1870/1.

——. Proceedings of meetings of state bd. of education. (2 *same* 1866/7 (pp. 80-82)—6 *same* 1874/5.)

1894-1896. Transactions of state bd. of education. (17 *same* 1894/6: 24-76.)

1899. Rept. on state bd. of education. (Rept. of committee to make examination of state institutions 1899: 172-173.)

——. Same in App. to jols. 33 sess. v. 2.

Co-education

1867-1869. Co-education of sexes. (2 bienn. rept. supt. public instruction 1866/7 (pp. 77-80)—3 *same* 1868/9.)

Compulsory Education

1871. Agst. compulsory education. (4 bienn. rept. supt. public instruction 1870/1: 92.)

1872. Advising compulsory education for Cal.; two articles appended, copied from rept. of U. S. comr. of education—relation betw. crime and education and relation betw. education and pauperism. (5 *same* 1872/3: 11-40.)

1875. School attendance; compulsory school law; amdmts. to same advised. (6 *same* 1874/5: 32-36.)

1888. Compulsory education law a dead letter; more stringent measures for its enforcement advised; cities, towns, and distrs. should be required to make ample provision for all applying for admission. (13 *same* 1886/8 (p. 8)—14 *same* 1888/90.)

1902. See below, Conventions; this date.

Conventions

1863. Rept. on convention of co. supts. (13 A.R. supt. public instruction 1863: 25-26.)

1888. National Educational Assn. held in S. F. (13 rept. *same* 1886/8: 54-57.)

1888-1889. Proceedings of ann. meetings of Cal. Teachers' Assn. (14 *same* 1888/90: 204-225.)

1896. Extracts from proceedings of Cal. Teachers' Assn. (17 *same* 1894/6: 77-95.)

1900. Bienn. convention of co. and city supts. concurred in recommendations and proposed legislation offered by State Educational Comn. and committee apptd. to co-operate with sub-committee from said organization. (19 *same* 1898/00: 15.)

1902. Same; state legislation needed providing requisite authority and means for securing improved school text-books for primary and grammar schools, adoption of adequate compulsory school attendance law, and measure determining how a fund shall be provided and distributed in aid of high schools. (20 *same* 1900/2: 14-17.)

1904. Same; res. adopted re. school revenues and increasing prtg. apprn. for state supt. (21 *same* 1902/4: 14-15.)

Deaf

1904. Comment on experiment in several cities of state of establishing classes for oral training and instruction of the deaf under law of 1903. (21 rept. supt. public instruction 1902/4: 13.)

EDUCATION—cont'd

Educational Associations

1863-1867. Rept. on State Educational Socy. (13 A.R. supt. public instruction 1863 (pp. 36-38)—2 bienn. rept. *same* 1866/7.)

1896. Southern Cal. Teachers' Assn. (17 rept. *same* 1894/6: 95.)

Educational Journals

1863. The Cal. Teacher, the professional organ of the teachers of the state. (13 A.R. supt. public instruction 1863: 55-59.)

1869-1871. Same; organ of dept. of public instruction. (3 bienn. rept. *same* 1868/9 (p. 21)—4 *same* 1870/1.)

1882. Pacific School Journal made official organ of school dept. (10 *same* 1880/2: 30.)

1896. Res. adopted by bd. of education on expediency of withdrawing subsidy from state funds to an official journal. (17 *same* 1894/6: 26.)

1904. Favorable comment on the state education journal. (21 *same* 1902/4: 15-16.)

Evening Schools

1869. Evening schools. (3 bienn. rept. supt. public instruction 1868/9: 13-14.)

Exhibitions

1875. Education at the Centennial; practical suggestions re. a state exhibit. (6 bienn. rept. supt. public instruction 1874/5: 119-128.)

1876. Educational progress, as exemplified at Centennial exhibition. (7 *same* 1876/7: 30-45.)

1890. Cal. dept. of public instruction recd. gold medal at World's Fair in Paris. (14 rept. *same* 1888/90: 36-37.)

1903. Cal's. educational exhibit at St. Louis. (21 *same* 1902/4: 81-87.)

Expenditures

1871. Comparative table, showing gross amt. and amt. per census child, of school revenues and school expenditures of different states. (4 bienn. rept. supt. public instruction 1870/1: 102-103.)

CALIFORNIA

General material only. Expenditures for individual institutions entered below under name of institution; see Education: Individual.

1851. Tabular stmt. showing condition of contingent fund of supt. of public instruction. (A.R. state comptroller 1850/1: 496.)

Paging from Collected docs.

1851-1886. Comparative table showing total expenditures for public schools in state since their organization, assessable property, and percentage of expenditures on taxable property. (1 bienn. rept. supt. public instruction 1864/5 (p. 232)—12 *same* 1884/6.)

1852-1867. Financial stmt., by cos., showing total amt. of receipts and expenditures for public schools. (2 *same* 1866/7: 191.)

1852-1904. Cumulative comparative stmt., by yrs., showing amt. of receipts and expenditures for public schools, specifying sources of revenue and objects for which expended. (2 *same* 1866/7 (p. 188)—21 *same* 1902/4.)

1855. Rept. of supt. of public instruction re. exhibit of expenditures from contingent fund apprn., with estimated amt. unpaid; pursuant to apprn. act approved Apr. 27, 1855. (Assem. jol. 1856: 209-210; Sen. jol. pp. 210-211.)

1856-1862. Stmt. showing amt. expended for school purposes. (A.R. state comptroller 1855/6 (p. 13)—*same* 1861/2.)

1856/7. Stmt. of manner in which contingent apprn. for dept. of public instruction has been expended, Feb. 1 to Jan. 31. (Sen. jol. 8 sess. pp. 287-288; Assem. jol. pp. 347-348.)

EDUCATION—cont'd

Expenditures—cont'd

CALIFORNIA—cont'd

1859. Stmt. of expenditures of contingent fund by supt. of public instruction. (Sen. jol. 11 sess. pp. 162-164.)

1860. Estimate of contingent expenses of office of supt. of public instruction for 11th fiscal yr. (*Same* 10 sess. p. 227.)

——. Detailed stmt. of expenditures by supt. of public instruction. 3 pp. (App. to Sen. jol. 12 sess. unnum. doc.)

——. Same. (App. to Assem. jol. 12 sess. unnum. doc.)

1863. Comment on receipts and expenditures of school moneys; legisl. should decide whether school officers ought not to be required to make some rept. of public moneys which they receive and appropriate. (13 A.R. supt. public instruction 1863: 8-9.)

1863-1865. Deficiency apprn. asked for by state supt. (13 *same* 1863 (p. 80)—1 bienn. rept. *same* 1864/5.)

1863-1867. Stmt. of work of dept. of public instruction during yr., traveling and traveling expenses, salary, apprns., and expenditures. (13 *same* 1863 (pp. 75-81)—2 bienn. rept. *same* 1866/7.)

1865. Comparative cost of public and private schools. (1 bienn. rept. *same* 1864/5: 30-31.)

1865-1867. Comparative stmt., by cos., showing total amt. of school expenditures. (2 *same* 1866/7: 154.)

——. What our public schools have cost to present time. (1 *same* 1864/5 (pp. 27-29)—2 *same* 1866/7.)

1865-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for state support of schools. (Bienn. rept. state controller 1863/5 (pp. 43-44)—*same* 1902/4.)

1866-1871. Stmt. of expenditures of apprns. to dept. of public instruction. (2 bienn. rept. supt. public instruction 1866/7 (pp. 197-200)—4 *same* 1870/1.)

1878-1896. Stmt. of expenditures in office of state supt. (8 *same* 1878/9 (p. 192)—17 *same* 1894/6.)

1882. Cost of schools—financial; recommendation of comptroller re. investment of school fund indorsed. (10 rept. *same* 1880/2: 19-22.)

1882-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for state bd. of education. (Bienn. rept. state controller 1880/2 (p. 64)—*same* 1902/4.)

——. Same; for supt. of public instruction. (*Same* 1880/2 (p. 58)—*same* 1902/4.)

1895. Table showing total cost (to date) of all state institutions (real estate improvements, furnishing, etc.). (Blue book 1895: 84.)

HIGH SCHOOLS

1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for support of high schools. (Bienn. rept. state controller 1902/4: 95-96.)

NORMAL SCHOOLS

General material only. Expenditures for a specific school entered below under Education. Individual Institutions.

1882-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for state normal schools. (Bienn. rept. state controller 1880/2 (p. 64)—*same* 1902/4.)

High Schools

1877. High schools. (7 bienn. rept. supt. public instruction 1876/7: 14-16.)

1882. A defect in state school system, no provision made for state aid to high schools; importance of subject commended to consideration of legisl. (10 rept. *same* 1880/2: 30-32.)

EDUCATION—cont'd

High Schools—cont'd

1890. On veto of bill providing for co. high schools; recommended that law re. grammar school course schools be repealed and that establishing co. high schools by vote of people take its place. (14 *same* 1888/90: 28-29.)

1891. On union high schools; opinion 134 of atty. gen. (Hart). 7 pp.
Not seen; entry from Bowker.

1892. Amdmts. proposed to Union High School law to render it more effective; revision of entire school law recommended. (15 rept. supt. public instruction 1890/2: 32-33.)

1892-1904. Statistics of high schools by cos. (15 *same* 1890/2 (pp. 21-22)—21 *same* 1902/4.)

1894. Comment on high school law and defects to be remedied. (16 *same* 1892/4: 20-21.)

1895/6. Table showing, by cos., no. of graduates of grammar schools who have taken advantage of high school work. (17 *same* 1894/6: 11.)

1895/6-1903/4. List of high schools accredited by State University. (17 *same* 1894/6 (pp. 8-9)—21 *same* 1902/4.)
Not found in rept. 1900/2.

1896. Condition of high schools; no state aid recd. by them. (17 *same* 1894/6: 8.)

1902. State recognition of high schools; constitutional amdmt. no. 4 re. same adopted. (20 *same* 1900/2: 7-14.)

EXPENDITURES FOR; see above, EXPENDITURES

FUND; see below, SCHOOL FUNDS

Hygiene; see below, School Hygiene

Industrial and Technical

General material only. Specific schools entered below under Education: Individual.

1871. Legislation requiring drawing in public schools advised. (4 bienn. rept. supt. public instruction 1870/1: 59-61.)

——. Claims and condition of industrial education in Cal.; what European countries are doing. (Trans. state agric. socy. 1870/1: 418-426.)

1875. Special articles on technical instruction in public schools given for information of Cal. teachers; science as part of technical instruction, and primary education, by T. Twining; drawing in public schools of Boston; art education; school lessons in household economy; industrial training for girls, with practical lessons in household economy, as taught in Germany. (6 bienn. rept. supt. public instruction 1874/5: 113*-162*.)

——. Technical and industrial education; needs of Cal. (6 *same* 1874/5: 85-112.)

1878. Rept. of standing committee on industrial education to State Teachers' Assn. (8 *same* 1878/9: 234-236.)

1879. Outlooks: technical and industrial education, sewing in schools, equality in education, technical schools, schools of forestry, school gardens, and schools for domestic economies. (8 *same* 1878/9: 25-37.)

1888-1890. Manual training schools, recommended that an experimental school be established by state. (13 rept. *same* 1886/8 (pp. 51-52)—14 *same* 1888/90.)

1893-1904. Manual training in Cal.; history of movement and statistical tables of manual training schools. (20 *same* 1900/2 (pp. 37-41)—21 *same* 1902/4.)
Tables not given in 1902/4.

1898. Rept. of bd. of regents on trade schools in relation with Wilmerding School of Industrial Arts. 27 pp.

1900. On need of industrial education. (19 rept. supt. public instruction 1899/00: 6-7.)

EDUCATION—cont'd

Kindergarten

1875. Kindergarten favored; rept. of committee of National Assn. re. same; objects of kindergarten, progress in America and other countries, and article on kindergarten toys. (6 bienn. rept. supt. public instruction 1874/5: 112-119; 163*-194*.)

1888. Recommendation that kindergarten be made integral part of public school system. (13 *same* 1886/8: 52.)

Laws

1852. Act to establish system of common schools in Cal., and other acts providing for revenue of same, with explanatory forms. 48 pp. 4°.

1855. The law establishing and regulating common schools, passed May 3. 44 pp.

1864. School law . . . . for the use of school officers. 32 pp.
Not seen; Library of Congress.

1866-1869. Revised school law. (2 bienn. rept. supt. public instruction 1866/7 (pp. 252-280)—4 *same* 1868/9.)

1874. School law of Cal. Provisions of political code re. public schools. . . . 151 pp.

1876. School law of Cal. and rules and regulations of the state bds. of education and examination. . . . 152 pp.
Not seen; entry from Bowker.

1878. Same; list of school library books, courses of studies for public schools, constitutions of the U. S. and Cal., etc. 168 pp.
Not seen; Collation supplied by U. S. Bureau of Education.

1880. School law of Cal., rules and regulation of state bd. of education, and the constitution of the U. S. and of Cal.; also names of city and co. supts. 136 pp.
Not seen; Collation supplied by U. S. Bureau of Education.

1881. Same. 111 pp.
Not seen; Collation supplied by U. S. Bureau of Education.

1883. Same. 124 pp.
Not seen; Collation supplied by U. S. Bureau of Education.

1885. Same. 125 pp.
Not seen; Collation supplied by U. S. Bureau of Education.

1887. Same. 160 pp.
Not seen; Collation supplied by U. S. Bureau of Education.

1889. Same. 188 pp.
Not seen; Collation supplied by Cal. State Library.

189(?). Amdmts. to school law of Cal. since 1895. 20 pp.
Not seen; entry from Bowker.

1891. School law of Cal.; rules and regulations of state bd. of education, [etc.]. 113 pp.

1893. Same. 140 pp.

1895. Same. 178 pp.

1901. School laws of Cal. . . . 192 pp.

Life Diploma Fund; see below, School Funds

Military

1865. Apptmt. of cadets to Military Academy at West Point. (1 bienn. rept. supt. public instruction 1864/5: 75-77.)

CALIFORNIA

1857. Recommendation for apprn. sufficient to erect military university in Cal. (A.R. adj. gen. 1857: 7.)

1863. Military drill in schools. (13 A.R. supt. public instruction 1863: 111-112.)

Naval

1878. Rept. opposing passage of act to amend act to establish and maintain a training ship in S. F. passed Feb. 15, 1876. (Sen. jol. 22 sess. p. 276.)

EDUCATION—cont'd

Normal

See also below Education: Individual Institutions.

serial

1879/80-1888/90. Rept. of bd. of trustees of state normal schools.

In Collected docs. as follows:

1879/80	in	App.	to	jols.	24	sess.	v. 2	unnum.	doc.
1881/2	"	"	"	"	25	"	v. 4	"	"
1882/4	"	"	"	"	26	"	v. 5	"	"
1884/6	"	"	"	"	27	"	v. 2	"	"
1886/8	"	"	"	"	28	"	v. 7	"	"
1888/90	"	"	"	"	29	"	v. 2	"	"

Discontinued. Repts. after this were made by trustees of each normal school; see below.

non-serial

1853-1902. State normal schools; brief history of each school. (20 rept. supt. public instruction 1900/2: 42-66.)

1863-1904. Historical table giving no. of graduates at state normal schools since organization. (19 *same* 1899/00 (p. 152)—21 *same* 1902/4.)

1875. Recommended that normal dept. be established at State Univ.; and that high schools and colleges be authorized to establish normal depts.; also city and co. bds. of education to establish city or co. normal schools; system of normal institutes suggested. (6 bienn. *same* 1874/5: 55-72.)

1877. Comparison of condition and cost of education in Cal. and in other states; normal schools. (7 *same* 1876/7: 4-7.)

1878. Minority rept. of Assem. committee on education on Sen. bill 309. 4 pp. (App. to jols. 22 sess. v. 4 [doc. 19].)

In favor of McCoppin bill.

1882. Recommendation for apprn. of $80,000 for next 2 fiscal yrs. to meet necessary current expenses. (Rept. bd. trustees state normal schools 1880/2: 3.)

1883. Rept. on condition of bldgs. of state institutions. (Assem. jol. 25 sess. pp. 569-572.)

State normal schools, etc.

1886/8-1889/90. Rept. of state supt. on state normal schools. (13 rept. supt. public instruction 1886/8 (pp. 28-35)—14 *same* 1888/90.)

1892. Rept. on condition of the State Univ. and the normal schools. (15 *same* 1890/2: 34-35.)

1893. List of state normal schools. 4 pp.

Not seen; entry from Bowker.

1894-1896. Rept. on work of state normal schools. (16 rept. supt. public instruction 1892/4 (p. 20)—17 *same* 1894/6.)

1896. Rept. of committee to examine normal school manuals of other states. (17 *same* 1896: 25.)

——. Rept. on normal school elementary diplomas. (17 *same* 1894/6: 26.)

1897. Petition for apprn. for establishing state normal school in San Luis Obispo. (Assem. jol. 32 sess. pp. 345-347.)

——. Rept. of San Luis Obispo visiting committee on locations for state normal school and state reform school. (Sen. jol. 32 sess. p. 702; Assem. jol. p. 803.)

1899-1904. Statistical rept. of state normal schools. (19 rept. supt. public instruction 1899/00 (pp. 151-159)—21 *same* 1902/4.)

1903. Rept. on state normal schools, Cal. Polytechnic School, and institution for deaf and blind at Berkeley. (Assem. jol. 35 sess. pp. 373-377.)

——. Minutes of proceedings of jt. bd. of state normal school trustees, Apr. 10. 8 pp.

Not seen; entry from Bowker.

1903/4. Table giving no. of graduates of high schools for yr. closing June 30, 1903, who entered state normal schools and universities during school yr. (21 rept. supt. public instruction 1902/4: 240-241.)

1904. Proceedings of jt. normal school bd. (21 *same* 1902/4: 8-9.)

EXPENDITURES FOR; see above, EXPENDITURES

EDUCATION—cont'd

Physical Training

1865. Physical training in public schools. (1 bienn. rept. supt. public instruction 1864/5: 135-144.)

1888. Rept. on physical training; submitted to bd. of regents, Univ. of Cal., June 26, by Geo. F. E. Harrison. 17 pp.

Not seen; entry from Bowker.

1895. Physiology and hygiene vs. athletics in public education; by S. S. Herrick. 6 pp.

Rept. Proc. ann. State Sanitary Conv. 1895.

Private

1888. Recommended that private schools be required to rept. to state supt. (13 rept. supt. public instruction 1886/8: 9.)

——. List of denominational and private schools of state and their principals. (13 *same* 1886/8: 158-162.)

1890-1896. Tabular repts. of private schools. (14 *same* 1888/90 (pp. 119-125)—17 *same* 1894/6.)

Not found in rept. 1890/2.

Revenue; see below, School Fund

School Districts

LINWOOD

1892. Stmt. of condition of Linwood school distr., Tulare Co., bond tax fund. (Bienn. rept. state controller 1890/2: 99.)

NEEDLES

1902-1904. Stmt. of condition of Needles school distr., San Bernardino Co., bond fund. (Bienn. rept. state controller 1900/2 (p. 105)—*same* 1902/4.)

School Funds

See also Land: State. School Land; do. Taxation, School Tax.

1852. Review of revenue available for school purposes, as increased by act pledging additional ann. tax of 5 cents of 30 imposed on each hundred dollars of valuation. (Govs. ann. mess. 1853.)

——. Rept. of committee on education re. prospective sources of revenue for support of schools. (App. to Sen. jol. 1852: 643-646.)

——. Receipts of school fund. (A.R. state treasurer 1851/2: 18.)

——. Recommendation for repeal of provision in present revenue law, giving 5 cents or one-sixth of total levy upon real and personal property to school fund, and that this sum be turned over to General Fund. (A.R. state controller 1851/2: 32.)

——. Table showing no. of children in each co.; reported no. of schools; amts. expended for same; amt. assessed for school purposes, and amt. paid into state treasury. (2 A.R. supt. public instruction 1852: 11.)

1852/3-1884. Receipts and payments on school fund. (A.R. state treasurer 1852/3 (pp. 4-26)—bienn. rept. *same* 1882/4.)

1853. State treasurer's rept. of school fund on hand Jan. 19. (2 A.R. supt. public instruction 1852: 29-30.)

1853-1854. Tabular stmt. showing condition of school fund. (A.R. state controller 1852/3 (p. 20)—*same* 1853/4.)

1854. Recommended that the endeavor on part of gov. to have placed in school fund what of right belongs there of escheated estates, be seconded by proper legislative enactments and apprn. (4 A.R. supt. public instruction 1854: 5.)

——. Govs. special mess. and rept. of supt. of public instruction on ways and means for raising funds for support of common schools. 8 pp. (App. to Assem. jol. 5 sess. doc. 5(?).)

Docs. incorrectly numbered? This is probably no. 4.

EDUCATION—cont'd
School Funds—cont'd
1854. Recommendation that provision be made by law for semi-ann. apportionment of state and co. school funds; that each township elect annually one comr. to serve 3 yrs.; that cities numbering over ten thousand have special distr. organization, with restrictive requirements to maintain schools; that office of co. supt. be dispensed with; that people of each township elect township collector and treasurer, and that state fund apportionment be sent directly to him; that 16th and 36th secs. of township school lands be placed, by legislative enactment under charge of township school comrs. (4 A.R. supt. public instruction 1854: 4-5.)
——. Review of aggregate of lands and funds set apart for school revenue. (Govs. ann. mess. 1854: 21.)
——. Suggested that law concerning common schools be amended so as to provide that funds shall be drawn from treasury upon warrants of comptroller instead of those of supt. of public instruction. (A. R. state controller 1853/4: 34.)
——. Stmt. by cos. of no. of children and school fund distributed Jan. 1, being $5.622 to each child returned as within organized school distrs. (App. to Govs. ann. mess. 1854: 39-40.)
1854-1857. Stmt. of funds that have accrued and been apportioned each yr. since organization of school system; also no. of schools, teachers, and children. Amt. doled out by state a mere pittance, there being no such thing as public schools, in the full acceptance of the term. (7 A.R. supt. public instruction 1857: 3-5.)
1855. Review of school fund and inadequacy of same. (5 *same* 1855: 3-5.)
——. Apportionment of school fund, by cos. and distrs., Jan. 1. (4 *same* 1854: 11-14.)
1857-1861. Balances in school fund, etc., on June 30. (A.R. treasurer 1856/7 (p. 38)—*same* 1860/1.)
1859. Recommendation that law be so amended as to compel trustees to apportion school fund money among several schools of distr. upon basis of daily average attendance, making proper allowance in case one or two more of schools may have contracted debts; also providing for distribution of funds in case a distr. is divided. (9 A.R. supt. public instruction 1859: 10-11.)
1859-1884. Receipts and payments on state school land fund. (A.R. state treasurer 1858/9 (pp. 24-25)—bienn. rept. *same* 1882/4.)
1860. Recommendation that law be so amended as to provide in case a distr. is divided, that fund to its credit be distributed among new distrs. in proportion to no. of children betw. 4 and 18. (10 A.R. supt. public instruction 1860 (p. 10)—11 *same* 1861.)
1861. Recommendation that co. supts. be required to make apportionments quarterly. (11 *same* 1861: 26.)
1861-1904. Stmt. of condition of school fund, June 30. (A.R. state controller 1860/1 (pp. 28-29)—bienn. rept. *same* 1902/4.)
1862. Corresp. betw. state supt. and comptroller in matter of arrears to school fund. (12 A.R. supt. public instruction 1862: 24-30.)
——. Stmt. showing amt. expended for purchase of bonds for school fund. (A.R. state controller 1861/2: 35.)
——. Rept. on school lands and school fund; legislation suggested for settlement of state's indebtedness to school fund. (12 A.R. supt. public instruction 1862: 14-17.)

EDUCATION—cont'd
School Funds—cont'd
1862-1869. Stmt. of condition of seminary fund, June 30. (A.R. state controller 1861/2 (pp. 68-69)—bienn. rept. *same* 1867/9.)
1862/3-1866/7. Stmt., by cos., showing amt. for each child betw. 4 and 18, derived from all sources of school revenue for each of last 3 yrs. (1 bienn. rept. supt. public instruction 1864/5 (p. 185)—2 *same* 1866/7.)
Ages betw. 5 and 15 after 1865.
1863. Condition of school fund. (13 A.R. *same* 1863: 70-73.)
——. Comments on revenue from stamps, school fund, and charitable institutions. (A.R. state controller 1862/3: 10-11.)
1864-1867. Comment on receipts and expenditures of school fund. (1 bienn. rept. supt. public instruction 1864/5 (pp. 24-27)—2 *same* 1866/7.)
——. Comparative stmt., by cos., of total amt. of state school fund apportioned for each of last 4 yrs. (2 *same* 1866/7: 147.)
1864/5-1871. Amt. of bonds in state treasury for benefit of school and seminary funds. (Bienn. rept. state treasurer 1863/5 (p. 31)—*same* 1869/71.)
1866-1871. Controller's stmts. of securities and revenues of state school fund for each school yr. (2 bienn. rept. supt. public instruction 1866/7 (pp. 148-149)—4 *same* 1870/1.)
1867. Comment on revenue for schools from all sources. (2 *same* 1866/7: 25.)
1869. See Debt: State; this date.
1870-1880. Stmt. of condition of school fund. (4 *same* 1870/1 (pp. 176-180)—9 *same* 1879/80.)
1871. Comment on increase of school revenue. (4 *same* 1870/1: 91-92.)
——. Recommendation that bd. of examiners be authorized to invest moneys derived from state school lands in bonds of U. S.; also comments on school fund. (Bienn. rept. state controller 1869/71: 7-8.)
——. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balances unexpended for purchase of bonds for school fund. (*Same* 1869/71: 58.)
1871/3-1884. Bonds held in trust for state school fund and State Univ. fund. (Bienn. rept. state treasurer 1871/3 (p. 30)—*same* 1882/4.)
1875. The new method of apportioning school money. (6 bienn. rept. supt. public instruction 1874/5: 20-32.)
1879-1882. Stmt. of amts. received and disbursed for acct. of state school fund from Feb., 1877, to Feb., 1882. (Bienn. rept. state controller 1877/9 (pp. 104-105)—*same* 1880/2.)
1880-1904. Comparative table showing amts. expended ann. from state school fund for support of common schools since adoption of new constitution. (*Same* 1892/4 (p. 19)—*same* 1902/4.)
1881. Comment on bonds for school fund. (A.R. bd. examiners dated Jan. 1, 1881: 8.)
1882. Controller's recommendation re. investment of school fund indorsed. (10 rept. supt. public instruction 1880/2: 19-22.)
——. Recommendation that all restrictions be removed save that which prohibits bd. from investing in bonds of any co., the debt of which at time exceeds 15% of assessed value of taxable property of said co., and that bd. be authorized to purchase whenever it can do best for school fund, or that state shall give her obligation for amt. in school land fund, and become debtor at low rate of interest,—4% per annum. (Bienn. rept. state controller 1880/2: 14.)

EDUCATION—cont'd
School Funds—cont'd
1882. Recommendation that new bonds, bearing interest at rate of 4% per annum, be issued and substituted for bonds of state now held in trust for school and university funds; also that additional bonds, bearing same rate of interest be issued for benefit of school fund. (*Same* 1880/2: 19.)
1884. Sources of school revenue. (11 rept. supt. public instruction 1882/4 (pp. 15-16)—12 *same* 1884/6.)
1884-1904. Stmt. showing amt. received for school purposes from property tax, poll tax, and from interest on state school lands, from several cos. of state, and from other sources, and total distributed to several cos. for same time. (Bienn. rept. controller 1882/4 (pp. 88-91)—*same* 1902/4.)
1888. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for restitution from state school fund. (*Same* 1886/8: 59.)
1888-1894. Comment on purchase of bonds for use and benefit of state school fund. (A.R. bd. examiners dated 1889 (p. 3)—*same* 1893/4.)
1890. Stmt. giving bonds held by state treasurer for state school fund. (*Same* dated 1891: 5.)
1890-1894. School revenue and rate of taxation. (14 rept. supt. public instruction 1888/90 (pp. 5-6)—15 *same* 1892/4.)
1890/2. Recommendation that irrigation distr. bonds be added to list of securities in which the school funds may be invested. (Bienn. rept. state treasurer 1890/2: 6.)
1892. In opinion of atty. gen., legisl. should be requested to pass act transferring from general fund to school land fund sum equal to amt. of deficiency; stmt. of amts. of which said fund has been depleted during different administrations. (Rept. atty. gen. 1891/2: 18-19.)
1892/4. Recommendation that list of securities in which school fund may be invested be increased by addition of irrigation distr. bonds; investment therein to be optional with bd. of examiners. (Bienn. rept. state treasurer 1892/4: 5.)
1893-1894. Bonds held by state treasurer for state school fund, interest when collected going to support of common schools of state. (A.R. bd. examiners dated 1893 (pp. 5-6)—*same* 1893/4.)
1894-1904. Stmt. showing tansactions in bonds, and bonds on hand, held by state treasurer in trust for benefit of state school fund. (Bienn. rept. state treasurer 1894/6 (pp. 41-43)—*same* 1902/4.)
1896. Extracts from state school law re. method of apportioning state school money by state supt. and state and co. school money by co. supts., co. school tax, and length of school terms. (17 rept. supt. public instruction 1894/6: 15-21.)
1896-1900. Bonds purchased for benefit of state school fund since Jan. 1, 1895. (A.R. bd. examiners dated 1897 (pp. 9-10)—*same* 1899/00.)
1896-1904. Stmt. showing in detail, bonds on hand, June 30, held in trust by state treasurer, for benefit of state school fund. (Bienn. rept. state treasurer 1894/6 (pp. 44-45)—*same* 1902/4.)
1898. Recommendation that a transfer of $40,000 be made to state school fund from railway tax contingent fund. (Bienn. rept. state controller 1896/8: 22.)
1899-1904. Rept. of state controller on school fund. (19 rept. supt. public instruction 1899/00 (pp. 96-99)—21 *same* 1902/4.)
1904. Comments on bonds for benefit of school fund, and table showing in detail bonds purchased by bd. for benefit of school fund. (A.R. bd. examiners dated 1905: 9-10.)

EDUCATION—cont'd
School Funds—cont'd
Grammar School Fund
1890-1892. Stmt. of condition of grammar school course fund. (Bienn. rept. state controller 1888/90 p. 93)—*same* 1890/2.)
High School Fund
1902. See above, Conventions; this date.
1903-1904. Act creating fund for benefit of high schools, and providing for its distribution; tabular stmt. of apportionments by cos. and schools. (21 rept. supt. public instruction 1902/4: 200-205.)
1904. Stmt. of conditions of state high school fund. (Bienn. rept. state controller 1902/4: 118.)
——. Comment on law of 1903, creating fund for support of high schools. (21 rept. supt. public instruction 1902/4: 11-12.)
Life Diploma Fund
1892/4. Stmt. of receipts and expenditures of life diploma fund. (16 rept. supt. public instruction 1892/4: 149.)
Seminary Fund
1862-1863. Immediate passage of law to provide for transfer of bonds due from school fund to seminary fund recommended. (12 A.R. supt. public instruction 1862 (pp. 17-18)—13 *same* 1863.)
1863. Rept. of comptroller re. seminary fund. 2 ll. (App. to jols. 14 sess. unnum. doc.)
——. Communication from controller re. amt. of money recd. into state treasury belonging to seminary fund. (Sen. jol. 14 sess. pp. 166-167.)
1864/5-1869. Seminary fund, receipts and payments. (Bienn. rept. state treasurer 1864/5 (p. 17)—*same* 1867/9.)
1864/5-1871. See above, School Fund; these dates.
Text-Book Fund
1875/6-1894/5. Stmt. for purpose of showing that state text-book fund has not been diverted. (17 rept. public instruction 1894/6: 44.)
1888-1904. Stmt. of condition of state school book fund. (Bienn. rept. state controller 1886/8 (p. 85)—*same* 1902/4.)
1894. Recommendation that apprn. of $10,000 be added to state school book fund, that more stringent and explicit legislation be passed re. use of supplementary books and sale of state text-books by dealer. (16 rept. supt. public instruction 1892/4: 72.)
1904. Stmt. of condition of text-book royalty fund. (Bienn. rept. state controller 1902/4: 119.)
School Gardens
1877. School work-rooms and school gardens; by Dr. E. Schwab. (7 bienn. rept. supt. public instruction 1876/7: 48-50.)
School Houses
1861. School houses—corresp. with a member of the medical profession re. requirements of a good school house. (11 A.R. supt. public instruction 1861: 20-24.)
1863. Condition of school houses and school architecture in state. (13 *same* 1863: 63-67.)
1864-1865. Stmt. of new school houses erected and cost of same, arranged by cos. (1 bienn. *same* 1864/5: 378-391.)
1865. Provision should be made by law that no school houses should be erected outside of incorporated cities unless plan be submitted to co. supts. and approved by them. (1 *same* 1864/5: 63.)
——. School house architecture; individual examples given in state. (1 *same* 1864/5: 332-377.)
1869. Requisites of school architecture. (3 *same* 1868/9: 32-33.)
——. Public school buildings of Cal. (3 *same* 1868/9: 133-155.)

EDUCATION—cont'd

School Houses—cont'd

1871. School houses and their ventilation; lecture by T. M. Logan, M. D., secy. of state bd. of health. (4 *same* 1870/1: 214-226.)

1888. Recommendation that apprn. of $5000 be made to be expended in securing plans and specifications for school bldgs. for use of school bds. (13 rept. *same* 1886/8: 22-23.)
Repeated in rept. for 1888/90.

1890. Improvements in school accommodations. (14 *same* 1888/90: 17.)

1900. Plans for rural and village school bldgs.; by B. Maybeck, architect, Univ. of Cal. (19 *same* 1898/00 n. p.)

School Hygiene

1875. School hygiene; medical inspector of schools suggested. (6 bienn. rept. supt. public instruction 1874/5: 76-85.)

1894. Preventive disease series [no. 4]. School hygiene. Addressed to the public school teachers of Cal. 8 pp. (State bd. health.)
Surgeon General's Library.

1895. Physiology and hygiene vs. athletics in public education; by S. S. Herrick. 6 pp.

——. Same. (Proc. 3 ann. state sanitary convention 1895: 22-25.)

1900. Notes on school hygiene; lighting of school houses in Cal., ventilation and heating, school desks, and location of school houses; by F. B. Dresslar. (19 rept. supt. public instruction 1898/00: 31-44.)

1904. Notes on school hygiene, suggested by observation in European schools; by Prof. F. B. Dresslar, dept. of education, Univ. of Cal. (21 *same* 1902/4: 88-97.)

School Lands; see Land: State

School Libraries; see Libraries

Sectarian

1853. Communication and rept. of Bishop Alemany, concerning Catholic schools in Cal. (2 A.R. supt. public instruction 1852: 27-28.)

1853-1867. Brief historical sketch of action of past state legisls. on question of sectarian division of school fund. (2 bienn. rept. *same* 1866/7: 18-19.)

1869-1871. Politics and sectarianism in public schools. (3 *same* 1868/9 (pp. 14-15)—4 *same* 1870/1.)

1877. State vs. sectarian education. (7 *same* 1876/7: 16.)

1879/80-1881/2. Rept. of state supt. on denominational colleges and private schools. (9 rept. *same* 1879/80 (pp. 49-50)—10 *same* 1880/2.)

1888. List of denominational and private schools of state and their principals. (13 *same* 1886/8: 158-162.)

Superintendents of Schools

1850. Supt. of public instruction elected, but establishment of general school system or endowment of univ. impracticable in unsettled conditions; suggestion to make collection of statistics, with ann. repts. thereon, the duty of said officer until time better suited to establishment of schools. (Govs. ann. mess. 1851.)

1850-1904. List of supts. of public instruction from organization of state govt. (14 rept. supt. public instruction 1888/90 (pp. 127-129)—21 *same* 1902/4.)

1852. Catalogue of books belonging to office of supt. of public instruction. (2 A.R. *same* 1852: 34-43.)

1853. Suggestion to abolish office of supt. of public instruction and devolve duties of same upon secy. of state or distr. comrs. (Govs. ann. mess. 1853.)

EDUCATION—cont'd

Superintendents of Schools—cont'd

1855. Because of failure of last legisl. to appropriate necessary funds, contingent expenses of office of supt. remain unpaid. (5 A.R. supt. public instruction 1855: 9.)

1856. Suggestion to abolish office of supt. of public instruction and devolve duties upon secy. of state. (Govs. ann. mess. 1856: 13.)

1863. Only one hundred and twenty copies of ann. rept. of supt. allowed—not nearly enough to supply the demand of school officers. (13 A.R. supt. public instruction 1863: 78-79.)

1879. Duties of state supt. (8 bienn. rept. *same* 1878/9: 45-50.)

1882. Increased apprn. recommended for expenses of state supt's. office and increase of salary of deputy supt. to that paid every other deputy state officer. (10 rept. *same* 1880/2 (p. 26)—12 *same* 1884/6.)

1888. Increased apprn. for office of supt. of public instruction asked for; also provision for additional clerical help and storeroom. (13 *same* 1886/8: 60.)

1899-1900. Rept. on official visitations by supt. of public instruction. (19 *same* 1898/00: 5.)

City Superintendents
See also above, Conventions.

1875. Extracts from repts. of city supts. (6 bienn. rept. supt. public instruction 1874/5: 229-272.)

1888/90. Same. (14 rept. *same* 1888/90: 115-119.)

County Superintendents
See also above, Conventions.

1852-1865. Historical list of co. supts. of state. (1 bienn. rept. supt. public instruction 1864/5: 292-298.)

1853. Rept. of committee on education re. neglect to create office of co. supt. in school laws, with suggestions to distribute school money in proportion to no. of white children in each co. 2 pp. (App. to Sen. jol. 1853 doc. 17.)

1858-1863. Abstracts of co. supts'. repts. (8 A.R. supt. public instruction 1858 (pp. 37-59)—13 *same* 1863.)

1863. Comment on systematic return of errors in repts. of co. supts. with suggested remedial legislation; salaries insufficient to secure efficient officers. (13 *same* 1863: 15-19.)

1865. Recommended legislation re. school trustees: co. supt. should have power of removing those from office who neglect to perform their duties, of compelling them to make necessary repairs on school houses and to provide suitable outhouses; incidentals such as stationery, maps, charts, etc., should be furnished by trustees out of co. fund. (1 bienn. rept. *same* 1864/5: 62.)

1865-1867. Comment on repts. of co. supts. (1 *same* 1864/5 (pp. 80-82)—2 *same* 1866/7.)

1871. Repts. of co. supts., giving short sketches of history, condition, progress, and wants of public schools in resp. cos. (4 *same* 1870/1: 140-165.)

1875-1890. Extracts from repts. of co. supts. (6 *same* 1874/5 (pp. 215-228)—14 *same* 1889/90.)
Not found in repts. 1876/7-1878/9.

1882-1892. Inadequate compensation of co. supts. (10 rept. *same* 1880/2 (pp. 25-26)—15 *same* 1890/2.)

1890. On importance of choosing efficient co. supts.; amdmt. to constitution recommended providing for their election at different time from those of other officers. (14 *same* 1888/90: 20-21.)

Teachers
See also above, Conventions; Educational Assns.; Educational Journals.

1857-1904. The Cal. system of training elementary teachers; by C. C. Van Liew; a monograph published by the dept. of education, Cal. La. Purchase Exposition Comn. (21 rept. supt. public instruction 1902/4: 130-145.)

EDUCATION—cont'd
Teachers—cont'd
1860. Favorable comment on remedial legislation passed at last sess.; recommended that law creating state and co. bds. of examiners be so amended as to permit each co. supt. to select such of teachers as he may see fit as his assts. on bd. (10 A.R. *same* 1860: 9-10.)
1861. Favorable comment on law providing for state and co. bds. of examiners; recommendation that teachers' certificates granted by co. bds. have effect for 2 yrs. instead of for 1 yr. only. (11 *same* 1861 (p. 19)—12 *same* 1862.)
1862. Recommended amdmts. to law providing for examination of teachers. (12 *same* 1862: 20-21.)
1863. On failure of teachers and trustees to make repts. according to law; stringent remedial measures recommended; favorable comment on revised school law re. election of distr. school trustees. (13 *same* 1863: 19-21.)
——. Comment on co. teachers' certificates. (13 *same* 1863: 41-43.)
1863-1867. Rept. on teachers' examinations by state bd. (13 *same* 1863 (pp. 26-29)—2 bienn. rept. *same* 1866/7.)
1864-1865. Work of co. bds. of examination. (1 bienn. rept. *same* 1864/5: 91-93.)
1865. Amdmts. to laws re. co. bd. of examiners and state bd. recommending making provisions more stringent and empowering them to recognize normal diplomas from all states. (1 *same* 1864/5: 59-61.)
——. Common sense in teaching. (1 *same* 1864/5: 130-135.)
1868-1875. Questions used in examination by state bd. of examination. (4 *same* 1870/1 (pp. 227-251)—6 *same* 1874/5.)
1869. Female teachers; disparity betw. their salaries and those of male teachers condemned. (3 *same* 1868/9: 12-13.)
——. Recommended legislation requiring uniform times for examinations of all co. bds.; also suggestion that members of state bd. of examination be remunerated for their services. (3 *same* 1868/9: 8-9.)
1870-1871. State and co. bds. of examination; list of diplomas and certificates issued by state bd. (4 *same* 1870/1: 63-76.)
1871. Revocation of teachers' certificates. (4 *same* 1870/1: 77.)
1873. On the need of trained teachers; extracts from examination papers of applicants who recd. co. bds. indorsement for fitness to teach. (5 *same* 1872/3: 63-135.)
1873-1900. List of holders of state teachers' certificates and diplomas, in force and effect June 30. (5 *same* 1872/3 (pp. 285-312)—19 *same* 1898/00.)
1880. Memorial opposing revocation by statute of all existing teachers' certificates and diplomas. (Sen. jol. 23 sess. pp. 156-157.)
1882. Co. bds. of education and teachers' certificates under new constitution; recommended that English and American literature be added to subjects to be examined on, and that Swett's Methods of Teaching be made basis of examinations in theory and practice. (10 rept. supt. public instruction 1880/2: 22-24.)
1884-1888. Something needed to retain teachers in the profession; pensions to veteran teachers earnestly commended to consideration of legisl. (11 *same* 1882/4 (pp. 18-20)—13 *same* 1886/8.)
——. Suggested that teachers be required to furnish physician's certificate, stating that person free from any physical defect, or organic disease. (13 *same* 1886/8: 20.)

EDUCATION—cont'd
Teachers—cont'd
1888-1890. Dept. circular on teachers' apptmts. and examinations. (13 *same* 1886/8 (pp. 88-101)—14 *same* 1888/90.)
1890. Recommended legislation providing that issuance of teachers' certificates be based on uniform standard throughout state and controlled by central authority. (14 *same* 1888/90: 25-26.)
1896. Rept. of committee of seven on certificating teachers. (17 *same* 1894/6: 22-23.)
1902. Comment on law upon teachers' certificates. (20 *same* 1900/2: 17-18.)
WAGES; see LABOR
Teachers' Institutes
1857. Recommendation that supt. of public instruction be authorized to hold two teachers' institutes each yr., and that apprn. of $3000 be made to defray expenses. (7 A.R. supt. public instruction 1857: 6.)
1859. Again recommended that authority be given to state supt. to hold one or more institutes each yr., and that small apprn. be made to defray necessary expenses. (9 *same* 1859: 13-14.)
1861-1871. Rept. on state teachers' institute. (11 *same* 1861 (p. 18)—4 rept. *same* 1870/1.)
1865. Legislation recommended making it the duty of every co. supt. in each co. where no. of teachers exceeds 10, to hold ann. co. institutes for not less than 3 days; also making it the duty of teachers to attend, and of trustees to allow their wages to continue during attendance—the expenses of same being drawn from unapportioned co. school fund. (1 bienn. rept. *same* 1864/5: 60-61.)
——. Apprns. recommended for state teachers' institutes and preservation of public docs. (1 *same* 1864/5: 66-67.)
1869-1871. Co. teachers' institutes. (3 *same* 1868/9 (p. 11)—4 *same* 1870/1.)
1876-1877. Rept. on teachers' institutes. (7 *same* 1876/7: 7.)
1882-1892. Rept. on co. institutes. (10 *same* 1880/2 (p. 30)—15 *same* 1890/2.)
Text-Books
See also Public Printing.
1855. List of books recommended to be used in public schools. (5 A.R. supt. public instruction 1855: 13-16.)
1855-1856. See also above, under Education; these dates.
1861. Restoration of law of 1860, empowering bd. of education to fix upon a uniform system of text-books recommended, the same having been repealed in 1861. (11 A.R. supt. public instruction 1861 (pp. 24-25)—12 *same* 1862.)
1863-1867. State series of text-books; comments on text-books adopted. (13 *same* 1863 (pp. 29-35)—2 bienn. rept. *same* 1866/7.)
1866-1875. List of state series of text-books. (3 bienn. rept. *same* 1866/7 (pp. 285-286)—6 *same* 1874/5.)
Not found in 1870/1.
1869. Favorable comment on uniform text-book law. (3 *same* 1868/9: 21.)
1871. Comment on state text-book system. (4 *same* 1870/1: 56-59.)
1875. The text-book question; cost of text-books, too many, needed reforms. (6 *same* 1874/5: 36-55.)
1876. Memorial of A. L. Bancroft & Co., praying that their contract with bd. of education for supplying text-books for public schools be recognized and made valid. 6 pp. (App. to jols. 21 sess. v. 5 unnum. doc.)

EDUCATION—cont'd

Text-Books—cont'd

1877. Free text-books; extract from rept. of supt. of public instruction of Wisc. exhibiting present status of free text-book question. (7 bienn. rept. supt. public instruction 1876/7: 8; 53-56.)

1878. Minority rept. of Assem. committee on education re. substitute for Assem. bill 289. 5 pp. (App. to jols. 22 sess. [doc. 18].)
Re. text-books.

——. Rept. of committee on education on Sen. bill 51. 13 pp. (*Same* 22 sess. v. 4 [doc. 47].)
To foster home industry in publication of text-books and re. Bancroft contract.

1883. Special rept. of the supt. on cost of school books, estimates of cost to state of compiling and publishing free text-books. 8 pp. (*Same* 25 sess. v. 3 doc. [7].)

1884-1896. Rept. of work of bd. of education in carrying out the amdmt. to constitution, requiring them to compile, adopt, and cause to be prtd. a uniform series of text-books for use of public schools. (12 rept. supt. public instruction 1884/6 (pp. 33-38)—17 *same* 1894/6.)

1884-1904. Review of legislation re. state text-books. (21 *same* 1902/4: 26-28.)

1885. Rough estimate of cost of text-books made by Supt. Welcker and Prof. Allen. (Sen. jol. 26 sess. pp. 219-220.)

1886. Recommendation for apprn. of $20,000 for state school text-books. (Bienn. rept. state controller 1884/6: 39.)

1886-1895. Facts and figures regarding school text-books published by state, compiled by secy. of state [being rept. made to gov. for submission to state bd. of education]. 20 pp. (App. to jols. 32 sess. v. 7 doc. [7].)

——. Summary of text-book sales from Oct., 1886, to July, 1895. (17 rept. supt. public instruction 1894/6: 38-40.)

——. Detailed stmt. of publication, sales, etc., of state text-books from beginning. (17 *same* 1894/6: 45-50.)

1888-1890. Favoring free text-books. (13 *same* 1886/8 (pp. 49-50)—14 *same* 1888/90.)

1888-1896. Tables showing no. of books ordered prtd., no. sold, and amt. of money recd. (13 *same* 1886/8 (p. 48)—17 *same* 1894/6.)

1890. Proposed co. high school and free text-book bills. (14 *same* 1888/90: 199-203.)

——. Act of useless and extravagant legislation committed during last sess. in appropriating $15,000 for purchase of plates of Cooke's Entomology, a work not intended for use of children in school room; recommended that ann. rept. of hortic. comn. be placed by legislation on every teacher's desk for use in lessons on entomology. (14 *same* 1888/90: 35-36.)

1891. Rept. re. apprns. and expenditures for prtg. of state school text-books; by F. F. Dunn, expert. 22 pp. (App. to jols. 29 sess. v. 7 unnum. doc.)

1894. Suggestion that law be so amended as to allow state institutions to purchase books direct from state at cost and pay for them as soon as possible after receipt. (A.R. bd. examiners dated 1895: 60.)

1896. Table showing basis upon which prices of text-books were fixed, and theory of state bd. of education, upon which basis prices were fixed. (17 rept. supt. public instruction 1894/6: 41-42.)

——. Facts and figures regarding school text-books published by state. 20 pp. (Secy. of state.)
Not seen; entry from Bowker.

1898-1904. State text-books; tables showing prices; no. sold since beginning, and amt. of money recd.; no. sold during past 2 yrs. and amt. of money recd., and no. on hand at end of each fiscal yr. (19 rept. supt. public instruction 1898/00 (pp. 180-181)—21 *same* 1902/4.)

1902. See above, Conventions; this date.

1904. Comment on state text-books. (21 rept. supt. public instruction 1903/4: 13-14.)

FUND; see above, SCHOOL FUNDS

Vacation Schools

1877. Vacation schools vs. street education; mechanical work suggested. (7 bienn. rept. supt. public instruction 1876/7: 7-8; 46-47.)

EDUCATION: INDIVIDUAL INSTITUTIONS

Academic

LELAND STANFORD JUNIOR UNIVERSITY

1884-1904. Historical sketch of Leland Stanford Junior Univ. (20 rept. supt. public instruction 1900/2 (pp. 30-33)—21 *same* 1902/4.)

UNIVERSITY OF CALIFORNIA

No attempt has been made to collate the various publications of the several schools and depts. of the University. Such as had any bearing on the topics of this index are entered under proper topic. The bulletins of the Dept. of Geology have been analyzed as have also the publications of the Agric. Experiment Station.

See also Land: State. School Lands. Seminary, etc.

serial

Secretary's Report

1 series

1875. Ann. rept. of bd. of regents for year ending May 31. With suppl. financial stmts. to July.

Checklist

1875. Berkeley, 1875. 30 pp., 6 foldg. tables, 17 leaves.

2 series

1876-1878. Ann. rept. of bd. of regents for year ending June 30. With detailed financial stmts. to July 1.

Checklist

1876. Berkeley, 1876. 15 pp., 5 foldg. tables, 13 leaves.
1877. San Francisco, 1877. 19 pp., 6 foldg. tables, 9 leaves.
1878. Not seen.

3 series

1879-1882. Ann. rept. of bd. of regents of the Univ. of Cal. for year ending June 30.

Checklist

1879. Berkeley, 1879. 31 pp., 6 foldg. tables, 4 leaves.
——. Appendix. v. p.
The University library during 1878/9. 8 pp.
Dr. H. D. Cogswell's endowment of a College of Dentistry and a Chair of Moral Philosophy. 18 pp.
The Harmon gymnasium. 1 leaf.
Bulletin no. 33. 4 pp.
1880. Sacramento, 1880. 45 pp.
1881. ib., 1881. 64 pp.
1882. ib., 1882. 62 pp.

4 series

1883-1901. Ann. report of the secy. to the bd. of regents of the Univ. of Cal. for year ending June 30.

Checklist

1883. Sacramento, 1883. 79 pp.
1884. ib., 1884. 65 pp.
1885. ib., 1885. 120 pp.
1886. ib., 1886. 161 pp.
1887. ib., 1887. 185 pp.
1888. ib., 1888. 160 pp.
1889. ib., 1889. 245 pp.
1890. ib., 1890. 271 pp.
1891. ib., 1891. 286 pp.
1892. ib., 1892. 142 pp.
1893. ib., 1893. 157 pp.
1894. ib., 1894. 121 pp.
1895. ib., 1895. ix, 285 pp.
1896. ib., 1896. xiii, 354 pp., foldg. table.
1897. Berkeley, 1898. ix, 132 pp.
1898. ib., 1898. x, 147 pp.
1899. Sacramento, 1899. viii, 127 pp.
1900. ib., 1901. 100 pp.
1901. ib., 1902. 98 pp.

EDUCATION: INDIVIDUAL INSTITUTIONS—cont'd

Academic—cont'd

UNIVERSITY OF CALIFORNIA—cont'd

serial—cont'd

Regents' Report

1869. Rept. of bd. of regents of the Univ. of Cal.

Checklist

1869. Sacramento, 1869. 8 pp.

Also in Collected docs. as follows:
1869 in App. to jols. 18 sess. v. 2 unnum. doc.

2 series

1870/1. Rept. of regents of the Univ. of Cal. re. operations and progress of institution.

Checklist

1870/1. Sacramento, 1872. 23 pp.

Also in Collected docs. as follows:
1870/1 in App. to jols. 19 sess. v. 2 unnum. doc.

3 series

1872/3-1877/9. Bienn. repts. of the regents of the Univ. of Cal.

Checklist

1872/3. n. t. p. in copy seen. 69 pp.
1873/5. Sacramento, 1875. 148 pp.
1875/7. ib., 1877. 176 pp.
1877/9. n. t. p. in copy seen. 114 pp.
——. Supplement. College of Agriculture. 113 pp.

Also in Collected docs. as follows:
1872/3 in App. to jols. 20 sess. v. 3 unnum. doc.
1873/5 " " " " 21 " v. 2 " "
1875/7 " " " " 22 " v. 1 " "
1877/9 " " " " 23 " v. 2 " "
——. Suppl. in App. to jols. 23 sess. v. 1.

4 series

1880. Rept. of regents for yr. endg. June 30.

Checklist

1880. Sacramento, 1880. 96 pp.

Also in Collected docs. as follows:
1880 in App. to jols. 24 sess. v. 2 unnum. doc.

5 series

1881/2. Univ. of Cal. Rept. of pres. of bd. of regents.

Checklist

1881/2. Sacramento, 1882. 76 pp.

Also in Collected docs. as follows:
1881/2 in App. to jols. 25 sess. v. 6 unnum. doc.

6 series

1882/4-1902/4. Univ. of Cal. Bienn. rept. of pres. of the Univ. on behalf of bd. of regents, to His Excellency the Governor.

Checklist

1882/4. Sacramento, 1884. 81 pp.
1884/6. ib., 1886. v, (1), 150 pp.
1886/8. ib., 1889. 120 pp.
1888/90. ib., 1891. 138 pp.
1890/3.* ib., 1894. 66 pp.
1894. ib., 1895. 64 pp.
1894/6. ib., 1896. 81 pp.
1896/8. Berkeley, 1898. 133 pp.
1898/00. ib., 1900. 194 pp.
1900/2. ib., 1902. 253 (1) pp.
1902/4. ib., 1904. 237 pp.

In Collected docs. as follows:
1882/4 in App. to jols. 26 sess. v. 1 unnum. doc.
1884/6 " " " " 27 " v. 1 " "
1886/8 " " " " 28 " v. 1 " "
1888/90 omitted.
1890/3 in App. to jols. 31 sess. v. 6 unnum. doc.
1894 " " " " 32 " v. 4 doc. [1].
1894/6 " " " " 32 " v. 4 " [2].
1896/8-1902/4 omitted.

Bulletin of the University

1 series

1874-1892. Bulletin, 1-37. irreg.

2 series

1899-1904. Bulletin, v. 1-6. quarterly.

* In 1892 there was no president to assume the duty of making a rept. The last three repts. are also published as follows:
1898/00. Univ. of Cal. Bulletins, n. s. v. 2, no. 3.
1900/2. Suppl. to v. 5 Univ. Chronicle.
1902/4. Univ. Chronicle v. 7, no. 1 extra no.

EDUCATION: INDIVIDUAL INSTITUTIONS—cont'd

Academic—cont'd

UNIVERSITY OF CALIFORNIA—cont'd

serial—cont'd

California University Chronicle

1898-1904. Cal. Univ. Chronicle, an official record. Published by the Univ. of Cal. v. 1-7.

Visiting Committee

See above serial group under Education, same under Public Buildings and Grounds and under Maintenance.

non-serial

18(?). Rept. [of bd. of regents] on the water supply of the Univ. of Cal. 12 pp.

18(?). The State Univ. Memorial by bd. of regents. Disastrous effects of passage of Carpenter bill—its unconstitutionality. 2 ll.

1850. Corresp. re. plan for organization of state univ. (Legisl. jol. 1851: 759-762.)

1853-1900. The Univ. of Cal.: historical sketch, permanent plans, relation to other public schools of state, students' enrollment and expenses, financial stmt. (19 rept. supt. public instruction 1899/00: 161-177.)

1854. Establishment of state univ. at earliest moment recommended. (4 A.R. *same* 1854: 5.)

1857. Urging immediate establishment of state univ. and military inst., setting forth leading features of Univ., such as Cal. needs; direct apprn. of $100,000 recommended. (7 *same* 1857: 9-12.)

1859. Again urging immediate establishment of state univ. on military plan and recommendation that Monterey Redoubt be secured from U. S. for site of same. (9 *same* 1859: 28-36.)

1860. Rept. recommending establishment of state univ. (Assem. jol. 11 sess. pp. 354-355.)

1862. Rept. on so much of govs. mess. as relates to a state univ. (*Same* 13 sess. p. 642.)

1864. Rept. re. establishing a state univ. 29 pp. (App. to jols. 15 sess. v. 2 unnum. doc.)

1864-1904. Comparative table giving summary of degrees conferred in College of Cal. from 1864-1869; and in academic colleges of Univ. of Cal., 1870-1904. (21 rept. supt. public instruction 1902/4: 46-52.)

1867. Rept. of secy. of college of agric., mining, and mechanical arts re. site given by College of Cal., in Oakland, and proposition by latter for foundation of a univ. there. 4 pp. (App. to jols. 17 sess. v. 2 [doc. 10].)

1868. Acts to create and organize and endow the Univ. of Cal. (3 bienn. rept. supt. public instruction 1868/9: 190-201.)

1869-1871. On progress of State Univ.; the Agric. College. (3 *same* 1868/9 (pp. 25-31)—4 *same* 1870/1.)

1869/70-1903/4. Comparative tables giving summary of officers of instruction and research in Univ. of Cal. and enrollment in academic and professional colleges and Lick Observatory for series of yrs. (21 rept. *same* 1902/4: 40-45.)

1869/71. Rept. of regents of Univ. of Cal. re. operations and progress of institution. (App. to jols. 19 sess. v. 2 unnum. doc.)

[1870.] Univ. of Cal. Circular. Organization of the Univ.

——. Rept. [adverse] of committee on state univ. to whom was referred memorial of Mechanics' Institute of S. F. that several colleges connected with the Univ. at Berkeley be removed thence to S. F. 6 pp. (App. to jols. 18 sess. v. 3 doc. [77].)

——. Rept. [favorable] of Sen. finance committee re. endowment of state univ. 5 pp. (*Same* 18 sess. v. 2 unnum. doc.)

EDUCATION: INDIVIDUAL INSTITUTIONS—cont'd

Academic—cont'd

UNIVERSITY OF CALIFORNIA—cont'd

non-serial—cont'd

1870-1875. Rept. of Univ. of Cal. (4 bienn. rept. supt. public instruction 1870/1 (pp. 181-198)—6 *same* 1874/5.)

1870-1898. Table showing no. of teachers and students each yr. (Rept. of committee to make examination of state institutions 1899: 34.)

——. Same in App. to jols. 33 sess. v. 2.

1872. Rept. on "univ. site" at Berkeley. (Sen. jol. 19 sess. p. 637.)

——. Rept. (favorable) on state univ. bldg., now in course of construction at Berkeley, the water supply, etc. 4 pp. (App. to jols. 19 sess. v. 2 doc. [5].)

[1874.] The Univ. and its managers, before the people and the law; by Prof. Wm. Swinton. 15 pp.
Not seen; entry from Bowker.

——. Rept. of Assem. committee re. construction of College of Letters, charging Dr. Merritt, to whom was delegated the power vested in bd. of regents of State Univ., with squandering public moneys by overpaying contractors, and the regents with being accessories after the fact; also testimony taken during investigation of alleged frauds, including deeds of site of College of Cal. 11, 464 pp. (App. to jols. 20 sess. v. 4 docs. [9, 10].)

——. Rept. of jt. committee apptd. to examine into mngmt. of Univ. of Cal., incl. administration of trusts confided to regents thereof. 3, 109 pp. (*Same* 20 sess. v. 6 [doc. 1].)
Rept. of committee, text of testimony; memorial of regents requesting an investigation.

——. Same; rept. minus testimony. (Assem. jol. 20 sess. pp. 1165-1168.)

——. Rept. of Sen. committee on public bldgs. and grounds. 6 pp. (App. to jols. 20 sess. v. 6 [doc. 11].)
Apptd. under Sen. res. of Jan. 9 to investigate manner in which money appropriated at last sess. for bldg. purposes at State University was expended.

——. Stmts. of the regents . . . . to jt. committee of legisl., Mch. 3. 70 pp.
Perhaps privately prtd. Not seen; entry from Bowker.

——. Preamble and resolution of the jt. committee from the State Grange, Mechanics' State Council, and Mechanics' Deliberative Assem., and reply of the regents of the Univ. 8 pp.

1875. Stmt. of progress and condition of Univ. of Cal.; prepared at request of the regents . . . ; by D. C. Gilman, pres. 56 pp.

[1876.] Rept. to finance committee of bd. of regents, Univ. of Cal. 15 pp.
Not seen; entry from Bowker.

——. Rept. of Sen. special committee on certain questions re. regents of state univ. 4 pp. (App. to jols. 21 sess. v. 5 unnum. doc.)

——. Rept. of Assem. committee re. state univ., normal school, and institute for deaf and dumb and blind. 5 pp. (*Same* 21 sess. v. 5 unnum. doc.)

——. Memorial of bd. of regents of Univ. of Cal. to Sen. and House of U. S. [praying for grant of public lands]. 5 pp. (Bull. Univ. of Cal. no. 25.)

1878. Mess. of gov. acc. by communication of Hon. S. C. Hastings. 4 pp. (App. to jols. 22 sess. v. 4 [doc. 15].)
Re. Mr. Hastings' proposal to give to state sum of money to found a College of Law to become a dept. of State University.

——. Rept. on condition of domain of State Univ. (Assem. jol. 22 sess. pp. 779-780.)

——. Memorial from bd. of regents. Disastrous effects of passage of Curtis bill; its unconstitutionality. 11 pp. (Univ. of Cal. Bull. 30.)

EDUCATION: INDIVIDUAL INSTITUTIONS—cont'd

Academic—cont'd

UNIVERSITY OF CALIFORNIA—cont'd

non-serial—cont'd

1880-1890. Rept. of state supt. on State Univ. and its branches. (9 rept. supt. public instruction 1879/80 (pp. 28-38)—19 *same* 1888/90.)

1881. Memorial of regents of univ. of apprns. 2 ll. (App. to jols. 24 sess. v. 3 unnum. doc.)

1883. Special mess. of Gov. Stoneman transmitting rept. of state engr. on sewerage of deaf, dumb, and blind asylums and the State Univ. 7 pp. (*Same* 25 sess. v. 1 doc. [5].)

1884. Regents' manual of laws, orders, etc., governing Univ. 256 pp.

1885. Petition of bd. of regents to legisl. submitting schedule of apprns., Jan. 1. 6 pp.

1886. Academic history of each member of teaching force of the Univ. of Cal., Oct. 1, 1886, and of some of the ex-members. (Bienn. rept. pres. of Univ. 1886: 119-138.)

1886-1888. List of published writings of officers of the Univ. (*Same* 1888: 109-117.)

1887. Rept. [favorable] of Sen. committee on the normal school and the State Univ., suggesting need of ann. permanent income for latter. 4 pp. (App. to jols. 27 sess. v. 8 doc. [14].)

——. The present and future of the Univ.; address delivered by J. F. Swift. 16 pp.

——. Repts. to academic council by committee on curricula, committee on higher degrees, committee on jt. regulations; together with rules for govt. of library which have been established by regents of Univ. 49 pp.

1887-1896. Growth of the Univ. of Cal. Comparative chart of attendance and income. (To acc. bienn. rept. of regents 1894/6.)

1889/90-1897/8. Table showing no. of graduates each yr. from State Univ. (Rept. of committee to make examination of state institutions 1899: 34.)

1890-1893. List of published writings of officers of the Univ. (Rept. of pres. of Univ. 1893: 48-65.)

1891. Rept. of bd. of health on sanitary condition and mngmt. of State Univ., etc. (12 bienn. rept. bd. health 1890/2: 21-26.)

1892. Rept. on condition of State Univ. and normal schools. (15 rept. supt. public instruction 1890/2: 34-35.)

1892/3-1901/2. State Univ.; historical sketch, its scopes, govt., increase in enrollment, and univ. extension. (20 *same* 1900/2: 18-21.)

1895. Adolph Sutro's letter to the regents of the Univ. . . . . on the selection of a site for the affiliated colleges.

[1897?] Rept. of reception, preparation, and judgment of plans submitted in preliminary concourse for Phoebe A. Hearst architectural plan for Univ. of Cal. 3 pp., plate.

——. Prospectus for the Phoebe Hearst architectural plan. 7 pp. 4°.

——. Programme for international competition for Phoebe A. Hearst architectural plan of Univ. of Cal., Berkeley, Dec. 3. 40 ll. 4°.

1898. Address of Regent J. B. Reinstein at special mtg. of regents "for purpose of suggesting and discussing matters necessary to prosperity of Univ," Jan. 15. 41 pp.

——. The accrediting of secondary schools. 13 pp.

——. Relation of Univ. to secondary schools; address delivered by F. Slate, Nov. 10. 19 pp.

1899. Rept. on State Univ. (Rept. of committee to make examination of state institutions 1899: 33-35.)

——. Same in App. to jols. 33 sess. v. 2.

EDUCATION: INDIVIDUAL INSTITUTIONS—cont'd

Academic—cont'd

UNIVERSITY OF CALIFORNIA—cont'd

non-serial—cont'd

1899. International competition for Phoebe A. Hearst architectural plan for Univ. of Cal. obl. 4°. 152 pp.

[1900.] Funds of Univ.: rept. of committee apptd. by Council of Associated Alumni.

1902-1904. Rept. of progress of State Univ. during past 2 yrs. (21 rept. supt. public instruction 1902/4: 29-39.)

1904. Table showing percentage of students of class of 1904 at Univ. of Cal. (11 bienn. rept. labor statistics 1902/4: 99.)

Fund

1862-1863. Rept. on univ. fund; immediate passage of law to provide for transfer of bonds due from school fund to seminary fund, recommended (12 A.R. supt. public instruction 1862 (pp. 17-18)—13 *same* 1863.)

1867/9-1884. State Univ. fund receipts and payments. (A.R. state treasurer 1867/9 (p. 23)—bienn. rept. *same* 1882/4.)

1871-1904. Stmt. of condition of univ. fund. (Bienn. rept. state controller 1869/71 (pp. 98-99)—*same* 1902/4.)

1871/3. Univ. endowment fund; receipts and payments. (A.R. state treasurer 1871/3 (p. 21)—bienn. rept. *same* 1877/9.)

1871/3-1884. See above, School Fund; these dates.

1873-1879. Stmt. of condition of univ. endowment fund. (Bienn. rept. state controller 1871/3 (pp. 130-131)—*same* 1877/9.)

1879. Rept. on condition of certain funds, etc., re. state univ. 8 pp. (App. to jols. 23 sess. v. 5 unnum. doc.)

1879/80-1884. Receipts and payments on consolidated perpetual endowment fund, Univ. of Cal. (A.R. state treasurer 1879/80 (p. 10)—bienn. rept. *same* 1882/4.)

1880-1890. Stmt. of condition of consolidated perpetual endowment fund of Univ. of Cal. (coin acct.). (Bienn. rept. state controller 1879/80 (p. 43)—*same* 1888/90.)

1888-1904. Stmt. of condition of state univ. fund. (*Same* 1886/8 (p. 80)—*same* 1902/4.)

1894/6-1904. Stmt. showing transaction in bonds and bonds on hand, held in trust by state treasurer for Univ. fund. (A.R. state treasurer 1894/6 (p. 46)—Bienn. rept. *same* 1902/4.)

Receipts and Expenditures

1871-1873. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for state univ. (Bienn. rept. state controller 1869/71 (p. 53)—*same* 1871/3.)

1882-1904. Same. (*Same* 1880/2 (p. 64)—*same* 1902/4.)

1891-1898. Table showing ann. aggregate cost of maintenance. (Rept. of committee to make examination of state institutions 1899: 34.)

——. Same in App. to jols. 33 sess. v. 2.

1903/4. Itemized stmt. of receipts and disbursements of Univ. of Cal. (21 rept. supt. public instruction 1902/4: 57-66.)

Industrial and Technical

CALIFORNIA POLYTECHNIC SCHOOL, SAN LUIS OBISPO

1903. Rept. on Cal. Polytechnic School, etc. (Assem. jol. 35 sess. pp. 373-377.)

1903/4. Rept. of director of Cal. Polytechnic School. (21 rept. supt. public instruction 1902/4: 255-258.)

1904. Rept. on work of school established at San Luis Obispo for teaching agric., mechanics, and domestic science. (1 bienn. rept. comr. hortic. 1903/4: 203-204.)

EDUCATION: INDIVIDUAL INSTITUTIONS—cont'd

Industrial and Technical—cont'd

CALIFORNIA POLYTECHNIC SCHOOL, SAN LUIS OBISPO—cont'd

1904. Stmt. of condition of contingent fund, Cal. Polytechnic School. (Bienn. rept. state controller 1902/4: 119.)

——. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for Cal. Polytechnic School. (*Same* 1902/4: 95.)

——. Cal. Polytechnic Institute at San Luis Obispo. (21 rept. supt. public instruction 1902/4: 9-10.)

COGSWELL POLYTECHNIC SCHOOL

1890. The Cogswell Polytechnic School in S. F. (14 rept. supt. public instruction 1888/90: 35.)

Normal Schools

CHICO

serial

1890/2-1902/4. Rept of trustees of State Normal School, Chico.

In Collected docs. as follows:

1890/2	in	App. to jols.	30	sess.	v.	7	unnum.	doc.
1892/4	"	" " "	31	"	v.	6	"	"
1894/6	"	" " "	32	"	v.	5	doc.	[5].
1896/8-1898/00 not found.								
1900/2	in	App. to jols.	35	sess.	v.	2	doc.	[13].

Visiting Committee

See under Public Buildings and Grounds, serial group, also under Maintenance: State.

non-serial

1889. Rept. on investigation of charges agst. trustees of Normal School at Chico. (Sen. jol. 28 sess. p. 624.)

——. Testimony taken before jt. special committee apptd. to investigate certain charges in connection with the erection of the branch state normal school, Chico, Butte Co. 48 pp. (App. to jols. 28 sess. v. 7 doc. [2.])

1891-1898. Table showing no. of graduates, total cost of maintenance, and cost per student each yr. (Rept. of committee to make examination of state institutions 1899: 37.)

——. Same in App. to jols. 33 sess. v. 2.

1899. Rept. on state normal school at Chico. (Rept. of committee to make examination of state institutions 1899: 35-39.)

——. Same in App. to jols. 33 sess. v. 2.

1900-1904. Stmt. of condition of contingent fund, Chico state normal school. (Bienn. rept. state controller 1898/00 (p. 107)—*same* 1902/4.)

LOS ANGELES

serial

1890/1-1902/4. Rept. of trustees of state normal school, Los Angeles.

In Collected docs. as follows:

1890/1	in	App. to jols.	29	sess.	v.	7	unnum.	doc.
1891/2	"	" " "	29	"	v.	7	"	"
1892/4	"	" " "	30	"	v.	6	"	"
1894/6	"	" " "	32	"	v.	5	doc.	[4].
1896/8-1898/00 not found.								
1900/2	in	App. to jols.	35	sess.	v.	2	doc.	[14].

Visiting Committee

See serial group, under Public Buildings and Grounds; also Maintenance: State.

non-serial

1881-1882. Rept. of state supt. on branch normal school at Los Angeles established in 1881. (10 rept. supt. public instruction 1880/2 (pp. 42-43)—12 *same* 1884/6.)

1883. Recommendation for branch normal school in Los Angeles to be supplied with an actual rather than a nominal principal. (Rept. bd. trustees of state normal schools 1882/4: 15.)

EDUCATION: INDIVIDUAL INSTITUTIONS—cont'd

Normal Schools—cont'd

LOS ANGELES—cont'd

non-serial—cont'd

1883-1898. Table showing no. of pupils each yr.; do. teachers and officers; do. salaries. (Rept. of committee to make examination of state institutions 1899: 43.)

——. Same in App. to jols. 33 sess. v. 2.

1884. See under San Jose, below; this date.

1884-1898. Table showing no. of graduates, total cost of maintenance, and cost per student each yr. (Rept. of committee to make examination of state institutions 1899: 42.)

——. Same in App. to jols. 33 sess. v. 2.

1895. Rept. on state normal school bldg. at Los Angeles. (Sen. jol. 31 sess. pp. 371-373.)

1899. Rept. on state normal school at Los Angeles. (Rept. of committee to make examination of state institutions 1899: 39-46.)

——. Same in App. to jols. 33 sess. v. 2.

Fund

1900-1904. Stmt. of condition of contingent fund, Los Angeles state normal school. (Bienn. rept. state controller 1898/00 (p. 107)—*same* 1902/4.)

Receipts and Expenditures

1882. Rept. of receipts and expenditures for bldg. branch normal school at Los Angeles. (Rept. bd. trustees of state normal schools 1880/2: 14.)

1882-1883. Rept. of expenditures from apprn. for furnishing the branch normal school bldg., for 34th fiscal yr. (*Same* 1882/4: 12.)

1882-1884. Rept. of receipts and expenditures for completion of branch normal school bldg., Los Angeles. (*Same* 1882/3: 27.)

1883-1888. Financial rept. of branch normal school, Los Angeles, for yr. endg. June 30, 1883. (*Same* 1882/4 (pp. 10-11)—*same* 1887/8.)

1883/4. Rept. of expenditures from apprn. for improvement of grounds, branch normal school. (*Same* 1882/4: 28.)

1886-1894. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for state normal school at Los Angeles. (Bienn. rept. state controller 1884/6 (p. 73)—*same* 1892/4.)

SAN DIEGO

1902-1904. Stmt. of condition of contingent fund, San Diego State Normal School. (Bienn. rept. state controller 1900/2 (p. 104)—*same* 1902/4.)

SAN FRANCISCO

1902-1904. Stmt. of condition of contingent fund, S. F. State Normal School. (Bienn. rept. state controller 1900/2 (p. 104)—*same* 1902/4.)

SAN JOSE

serial

1890/2-1902/4. Rept. of trustees of state normal school, San Jose.

In Collected docs. as follows:

1890/2	in	App.	to	jols.	30	sess.	v. 7	unnum.	doc.
1892/4	"	"	"	"	31	"	v. 6	"	"
1894/6	"	"	"	"	32	"	v. 5	doc.	[3].
1896/8	"	"	"	"	33	"	v. 2	"	[4].
1898/00	"	"	"	"	35	"	v. 2	"	[12].

1900/2-1902/4 not found.

Visiting Committee

See serial group under Education, above; also under Public Buildings and Grounds and under Maintenance: State.

non-serial

1861. Communication from committee of State Education Convention upon state normal school, commended to consideration of legisl. (11 A.R. supt. public instruction 1861: 15-17.)

EDUCATION: INDIVIDUAL INSTITUTIONS—cont'd

Normal Schools—cont'd

SAN JOSE—cont'd

non-serial—cont'd

1862. Apprn. of $6000 recommended to be made for support of State Normal School during ensuing yr. (12 *same* 1862: 23.)

1863. Rept. of bd. of trustees of Cal. state normal school. (13 *same* 1863: 185-188.)

1863-1871. Rept. on state normal school. (13 *same* 1863 (pp. 49-55)—4 bienn. rept. *same* 1870/1.)

1863-1877. Rept. of principal of state normal school. (13 *same* 1863 (pp. 191-214)—7 bienn. rept. *same* 1876/7.)

1866. Rept. of Assem. committee on education re. state reform school, normal school, and asylums. 4 pp. (App. to jols. 16 sess. v. 2 unnum. doc.)

1866-1867. Rept. of bd. of state normal school trustees. (2 bienn. rept. supt. public instruction 1866/7: 102-117.)

1870. Majority and minority repts. of jt. committee on permanent location of state normal school. 4 pp., 1 l. (App. to jols. 18 sess. v. 3 doc. [17].)

——. Proceedings of jt. convention to select a permanent site for location of state normal school, Mch. 10. 17 pp. (*Same* 18 sess. v. 3 doc. [26].)

——. Act establishing state normal school at San José. (3 bienn. rept. supt. public instruction 1868/9: 186-189.)

1872. Rept. of Sen. committee on construction of state normal school bldg. at San José, work has cost more than the estimate, involving a trustee and the supt. of construction in charge of having an interest in a contract for materials. (App. to jols. 19 sess. v. 4 doc. [1].)

——. Supplementary rept. of committee on public bldgs. re. state normal school. 4, 149 pp. (*Same* 19 sess. v. 4 unnum. doc.)

——. Rept. of Assem. committee on construction of state normal school at San José, imputing fraud in one transaction betw. a trustee and supt. and a contracting firm, etc. (*Same* 19 sess. v. 4 docs. [2, 3].)

1874. Rept. of bd. of comrs. of state normal school bldg., San José. 11 pp. (*Same* 20 sess. v. 5 [doc. 18].)

1875. Same. 5 pp. (*Same* 21 sess. v. 3 unnum. doc.)

1876. Rept. on state normal school bldg. and recommendation for apprn. to complete structure. (Sen. jol. 21 sess. p. 304.)

——. Repts. of Sen. committee on education re. Assem. bill 374 abolishing bd. of trustees of normal school, the bd. of regents of the Univ., and creating one elective bd. to manage common school dept., normal school, and the univ. 6, 16 pp. (App. to jols. 21 sess. v. 5 unnum. doc.)

——. Rept. of Assem. committee re. state normal school, etc. 5 pp. (*Same* 21 sess. v. 5 unnum. doc.)

1878. Rept. of committee on education; visiting committee on state normal school, etc. 5 pp. (*Same* 22 sess. v. 4 [doc. 43].)

1878/9. Rept. of trustees of state normal school, Dec. 31. (*Same* 23 sess. v. 5 unnum. doc.)

1879/80-1884/6. Rept. of state supt. on state normal school, San José. (9 rept. supt. public instruction 1879/80 (pp. 40-46)—12 *same* 1884/6.)

1881. Rept. of committee on public bldgs., on state normal school, etc. 12 pp. (App. to jols. 24 sess. v. 3 unnum. doc.)

1883. Rept. on conditions of univ., deaf, dumb, and blind asylum, and San José state normal school. (Assem. jol. 25 sess. pp. 375-377.)

EDUCATION: INDIVIDUAL INSTITUTIONS—cont'd

Normal Schools—cont'd

SAN JOSE—cont'd

non-serial—cont'd

1884. Estimates of apprns. needed to carry on schools for coming 2 yrs. at San José and branch normal, Los Angeles. (Rept. bd. trustees of state normal schools 1882/4: 3.)

1887. Rept. on Univ. and San José normal school. (Sen. jol. 27 sess. pp. 140-141.)

——. Rept., favorable, of Sen. committee on normal school and the state univ. 4 pp. (App. to jols. 27 sess. v. 8 doc. [14].)

1889. Historical sketch . . . . with catalogue of graduates and record of their work for 27 yrs. 283 pp. Not seen; entry from Bowker.

1893. Rept. on normal school bldg. at San José. (Assem. jol. 30 sess. pp. 308-309.)

1899. Rept. on state normal school at San José. (Rept. of committee to make examination of state institutions 1899: 46-52.)

——. Same in App. to jols. 33 sess. v. 2.

1903-1904. The San José state normal school; inauguration of the movement. (21 rept. supt. public instruction 1902/4: 98-101.)

Fund

1869/71-1879. State normal school bldg. fund, receipts and payments. (Bienn. rept. state treasurer 1869/71 (p. 20)—*same* 1877/9.)

1871. Stmt. of condition of normal school bldg. fund. (4 bienn. rept. supt. public instruction 1870/1: 178-179.)

1873-1879. Stmt. of condition of state normal school bldg. fund. (Bienn. rept. state controller 1871/3 (pp. 128-129)—*same* 1877/9.)

1900-1904. Stmt. of condition of contingent fund, San José State Normal School. (*Same* 1898/00 (p. 107) —*same* 1902/4.)

Receipts and Expenditures

1865-1873. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for state normal school. (Bienn. rept. state controller 1863/5 (p. 40)—*same* 1871/3.)

1865/6-1870/1. Stmt. of ann. expenditures of state normal school. (2 bienn. rept. supt. public instruction 1866/7 (p. 112)—4 *same* 1870/1.)

1870-1898. Table showing cost of bldgs. and improvements. (Rept. of committee to make examination of state institutions 1899: 51-52.)

——. Same in App. to jols. 33 sess. v. 2.

1871. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for state normal school bldg. (Bienn. rept. state controller 1869/71: 77.)

1881. Rept. of receipts and expenditures for bldg. at San José and for support of school. (Rept. bd. of trustees of state normal schools 1880/2: 7.)

1882. Same; for improvement of Normal School Square, San José. (*Same* 1880/2: 14.)

1882-1888. Financial stmt. of state normal school at San José for yr. endg. June 30. (*Same* 1882/4 (pp. 7-9)—*same* 1887/8.)

1883. Rept. of expenditures from apprn. for improvemen of Normal School Square, San José, 33d and 34th yrs. (*Same* 1882/4: 13.)

1890/1-1897/8. Table showing per capita cost of pupils per annum. (Rept. of committee to make examination of state institutions 1899: 51.)

——. Same in App. to jols. 33 sess. v. 2.

——. Tables showing aggregate ann. cost of maintenance and cost per graduate. (Rept. of committee to make examination of state institutions 1899: 49.)

——. Same in App. to jols. 33 sess. v. 2.

EDUCATION: INDIVIDUAL INSTITUTIONS—cont'd

Sectarian

1870. Petition for relief of free school of Presentation Convent of S. F. 2 ll. (App. to jols. 18 sess. v. 3 unnum. doc.)

EEL RIVER; see RIVER CONSERVANCY

EL DORADO COUNTY (1850)

Artesian Wells; see Natural Resources

Assessors; see Taxation: State

Brookite in; see Natural Resources. Mineral

Bullion Production

1885. See Natural Resources. Mineral. Production; this date.

Copper Mining

1892/4-1894/6. See Natural Resources. Mineral. Copper; these dates.

Debt; see that title

Diamonds in; see Natural Resources. Mineral

Forests; see Natural Resources

Geology; see Natural Resources

Gold Mining

1888. See Natural Resources. Mineral. Gold; this date.

1892/4-1894/6. See same; these dates.

Gold Production

1879-1880. See Natural Resources. Mineral; these dates.

1881. See same; this date.

1892-1895. See same; these dates.

Indian Wars; see War Expenditures

Lime in; see Natural Resources. Mineral

Limestone in; see Natural Resources. Mineral

Marble in; see Natural Resources. Mineral

Mineral Springs in; see Natural Resources

Mines

1879/80. See Natural Resources. Mineral. Production; this date.

Mines and Mining

1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.

Mining and Irrigating Canals

1894/6. See Industries, etc. Mining Canals, etc.; these dates.

Octahedrite in; see Natural Resources. Mineral

Quicksilver Mining

1892/4-1894/6. See Natural Resources. Mineral. Quicksilver; these dates.

Rainfall; see Climate

Roads; see that title

Silver Production

1892-1895. See Natural Resources. Mineral; these dates.

Slate in; see Natural Resources. Mineral

Steatite and Serpentine in; see Natural Resources. Mineral

Surveyor; see Land

ELECTION REWARD FUND; see FINANCE: STATE. FUNDS

ELECTRUM; see NATURAL RESOURCES. MINERAL

EMERY; see NATURAL RESOURCES. MINERAL

EMIGRATION; see POPULATION. MIGRATION

EMINENT DOMAIN; see LAND: STATE. MINERAL (under date of 1857)
For the water-front controversies in S. F. and elsewhere, see Land. Water-front Property.

EMPLOYERS' LIABILITY
Insurance; see Insurance

EMPLOYMENT; see LABOR

EMPLOYMENT BUREAUS; see LABOR

ENGINEER
Reports; see Public Works

EPIDEMICS; see PUBLIC HEALTH

EQUALIZATION; see TAXATION: STATE

ESCHEATS; see LAND

EUCALYPTUS; see NATURAL RESOURCES. FORESTS

EUREKA
Climate; see that title

EVENING SCHOOLS; see EDUCATION

EXAMINERS, BOARD OF
Expenditures for; see Finance: State
Reports; see Debt: State. Claims

EXECUTIVE MANSION; see PUBLIC BUILDINGS AND GROUNDS: STATE

EXHIBITIONS
Agricultural; see Agriculture. Fairs
Educational; see Education
Industrial; see Industries, etc.
Mineral; see Natural Resources. Mineral
Vinicultural; see Industries, etc. Liquor

EXPERIMENT STATIONS
Agricultural; see Agriculture
Forestry; see Natural Resources. Forests

EXPORTS; see COMMERCE, ETC.

EXPRESS COMPANIES
1860. Rept. on memorial of sureties of Pacific Express Co. for release. (Assem. jol. 11 sess. pp. 243-248; Sen. jol. pp. 220-226.)

FAIRS
Agricultural; see Agriculture. Fairs

FARMERS' ALLIANCE; see AGRICULTURAL SOCIETIES

FARMERS' INSTITUTES; see AGRICULTURE. EDUCATION

FEATHER RIVER; see RIVER CONSERVANCY

FEDERAL TAX FUND; see FINANCE: STATE. FUNDS

FEEBLE-MINDED
Maintenance; see Maintenance: State

FEES, COMMISSIONS, ETC.
1854. Reduction of officers' fees urged. (Govs. ann. mess. 1854: 29.)
1855. Same. (*Same* 1855: 12-13.)
1858. Veto of act amendatory and suppl. to act to regulate fees of office. (Sen. jol. 9 sess. pp. 681-682.)
1892-1894. Uniform fee bill throughout whole state recommended; rate of compensation for collection of state taxes in each co. not the same—suggestion that if compensation is to be given for this work each co. receive its just proportion. (Rept. atty. gen. 1891/2 (pp. 5-6)—*same* 1893/4.)
1894. Comments on atty. fees, and recommendation that law be amended so that no state officer, bd., or comn. will have any authority to incur any indebtedness for attys. without authority from bd. and such indebtedness cannot be allowed by bd. unless permission is given in writing, signed by all members of bd. (A.R. bd. examiners dated 1895: 53.)
1896. Recommendation for amdmt. of sec. 416, political code, re. fees. (Bienn. rept. state dept. 1894/6: 16-17.)

County Officers
1860. Rept. on act to regulate fees of co. clerks of Los Angeles and San Diego cos. (Assem. jol. 11 sess. pp. 494-497.)
1861. Rept. on act to amend act to regulate fees in office of Yuba Co. (*Same* 12 sess. pp. 263-264.)
1868. Rept. of committee on fees and salaries on compensation of co. officers. 5 pp. (App. to jols. 17 sess. v. 3 [doc. 18].)
——. Rept. [favorable] of Assem. special committee on adoption of uniform system of fees for all cos. of state. 5 pp. (*Same* 17 sess. v. 2 [doc. 32].)
1877. Comments on repts. of fees of co. officers. (Bienn. rept. state dept. 1875/7: 20-21.)

Expenditures for
1852-1855. Controller's stmt. of state expenditures for lawyers' fees. (Assem. jol. 1855: 692-693.)

Insurance Companies; see Insurance. Revenue

Revenue
1862-1865. Stmt. giving amt. of cash recd. by secy. of state on acct. of fees, certificates of incorporation, etc. (A.R. secy. of state dept. 1862 (p. 8)—bienn. rept. *same* 1864/5.)
1873-1877. Bienn. stmt. of receipts into state dept. on acct. of fees and revenue stamps. (Bienn. rept. state dept. 1871/3 (pp. 5-6)—*same* 1875/7.)
1879. Stmt. of amts. recd. for fees, sale of codes, Cal. repts., copies of geological survey, ballot paper, statutes, and amdmts. to codes, 1877-1878, from date of last rept., July 1, 1877, to June 30, 1879. (*Same* 1877/9: 3-4.)
1886-1902. Stmt. giving mo. receipts from all sources. (*Same* 1884/6 (p. 37)—*same* 1900/2.)
Unclassified; mo. aggregates.

LAND OFFICE; see LAND: STATE. REVENUE

Tax Collectors; see Taxation
General Material.

FENCE LAW; see AGRICULTURE

FERRIES
1869. Comrs. recommend such modification of law as will place ferry owners on same footing with other occupants of water-front. (Bienn. rept. harbor comrs. 1867/9: 9.)
SAN FRANCISCO
See Railroads. Depots.

FERTILIZATION
Soil; see Agriculture. Soils

FERTILIZERS
Commercial; see Industries, etc.

FIBER PLANTS; see AGRICULTURE. CROPS

FIDELITY INSURANCE; see INSURANCE

FIG
Crop; see Agriculture. Crops

FINANCE: COUNTY
1849/50. Comments on payments of certain co. expenditures out of state treasury, which should be paid by cos. themselves. (A.R. state comptroller 1849/50: 543.)
Paging from Collected docs.
1862. Recommendation that "act concerning duties of co. treasurers" be repealed, and that mileage allowed co. treasurers be so established as not to exceed $150 in any individual case. (*Same* 1861/2:5.)
1868. Rept. of special committee re. financial condition of cos. in Cal. [Tabulated statistics.] 16 pp. (App. to jols. 17 sess. v. 3 [doc. 6].)
1869-1892. Stmt. showing financial condition of cos. of state, Nov. 1. (Bienn. rept. state controller 1867/9 (pp. 172-173)—*same* 1890/2.)
1873. Comments on adjustment of balances and stmt. showing balance due from each co. (*Same* 1871/3: 12-14.)
——. Summary stmt. of repts. of auditors of several cos. (A.R. equalization bd. 1872/3: 78-79.)

SACRAMENTO COUNTY
1851. Memorial and docs. re. bad financial condition of Sacramento Co., with review of causes of same. (Legisl. jol. 1851: 862-865.)
1857. Unfavorable rept. on act to authorize funding of certain warrants drawn by auditor of Sacramento Co., on treasury of said co. prior to Nov. 1, 1855. (Sen. jol. 8 sess. pp. 656-657; Assem. jol. pp. 660-661.)
1876. Veto of act to enable bd. of supervisors of Sacramento Co. to refund certain moneys claimed to have been paid into co. treasury by ex-sheriff and ex-tax-collector, in excess of what was required by law to be paid. (Sen. jol. 21 sess. p. 567.)

FINANCE: MUNICIPAL

SACRAMENTO
1868. Rept. [minority] of judiciary committee re. Assem. bill 216 authorizing legislation, by voters of Sacramento City, of a certain portion of the state funds into the city treasury. 2 ll. (App. to jols. 17 sess. v. 2 [doc. 35].)

SAN FRANCISCO
1858. Veto of act to authorize bd. of supervisors of city and co. of S. F. to direct auditor of said city and co. to audit, and treasurer of same to pay certain claims therein mentioned. (Sen. jol. 9 sess. pp. 173-174.)

FINANCE: STATE

MILITARY GOVERNMENT, 1846-1849
1846-1847. Review of peculiar conditions existing in Cal. at time of original collection of civil fund, collected by U. S. revenue officers in ports of state prior to its admission. (Govs. ann. mess. 1854: 11-13.)
1846-1849. Rept. re. disposal and amt. of civil fund, as shown by accts. of various officers of military govt. 8 pp. (App. to Sen. jol. 1853 doc. 73.)
1846-1850. Rept. and corresp. re. history, amt. and legitimate disposal of civil fund collected in Cal. ports by U. S. revenue officers prior to admission of state to Union. (Legisl. jol. 1849/50: 817-828.)
1848-1849. Neglect of federal govt. to provide territorial organization for Cal. during time Cal. citizens were being taxed by said govt., quoted as important cause of financial difficulties of state. (Govs. ann. mess. 1856: 6.)
1848-1850. Govs. mess. transmitting accts. current of civil fund collected by U. S. revenue officers in Cal. ports prior to admission and drawn upon for expenses of military govt. 8 pp. (App. to Sen. jol. 1853 doc. 53.)
1849. Review of injustice of federal act for collection of revenues in ports of Cal. prior to admission to Union. (Govs. ann. mess. 1851.)
1849-1850. Rept. re. state's right to surplus revenue collected by U. S. in Cal. ports prior to its admission. (Legisl. jol. 1851: 866-867.)
1850. Majority and minority repts. of committee on res. re. public domain, mineral lands, custom houses, branch of U. S. mint, and certain moneys rightfully belonging to state of Cal. (*Same* 1849/50: 802-817.)
——. Adoption of measures looking to early establishment of custom houses and branch of U. S mint urged by committee on res. re. same. (*Same* 1849/50: 813.)
——. Prosecution of claim to revenues collected in Cal. ports by U. S. prior to admission to Union, urged by committee on res. re. same. (*Same* 1849/50: 813-814.)
1851. Refunding to state of duties collected by U. S. previous to recognition of state govt. delayed in Congress. (Govs. ann. mess. 1851.)
——. Rept. of committee re. civil fund. (Legisl. jols. 1851: 865-867.)
1852. Govs. mess. re. erroneous impression prevailing as to extent of Cal. claim agst. U. S. for civil fund collected by U. S. revenue officers in Cal. ports prior to admission, urging investigation and rept. re. same as basis for claim for full reimbursement thereof; reviewing general administration of said fund during military govt. (Sen. jol. 1853: 185-186; Assem. jol. pp. 223-224.)
——. Action urged with view to obtaining reimbursement for revenue collected by U. S. in Cal. ports prior to admission to Union. (Govs. ann. mess. 1852.)
——. Jt. res. of legisl. of Cal. re. civil fund, Feb. 6. 2 pp. (U. S. 32 Cong., 1 sess., House misc. doc. 27; Sen. misc. doc. 58.)
Text not printed in Cal. jols.
1855. Suggestion to memorialize Congress for reimbursement of amt. expended by state for civil govt. betw. Dec. 15, 1849, and Sept. 9, 1850, in view of decision of U. S. Supreme Court agst. state claim to civil fund collected in Cal. ports by U. S. revenue officers prior to admission. (Govs. ann. mess 1855: 10-11.)

STATE GOVERNMENT, 1849-date

serial

Controller

1 series

1849/50-1864/5. Ann. rept. of comptroller for yr. endg. June 30.
In Collected docs. as follows:

1849/50	in	Sen. jols. 1851: 519-546.							
"	"	Assem. jols. 1851: 977-1004.							
1851/2	"	App. to	Sen.	jols.	1853	doc.	1.		
1853/4	"	"	"	"	6	sess.	unnum.	doc.	
1853/4	"	"	Assem.	"	6	"	"	"	
1854/5	"	"	Sen.	"	7	"	"	"	
1855/6	"	"	Assem.	"	8	"	"	"	
1855/6	"	"	Sen.	"	8	"	"	"	
1857	"	"	Assem.	"	9	"	"	"	
1857	"	"	Sen.	"	9	"	"	"	

FINANCE: STATE—cont'd

STATE GOVERNMENT, 1849-date—cont'd

serial—cont'd

Controller—cont'd

2 series

1857/8-1864/5. Ann. rept. of controller for yr. endg. June 30.

In Collected docs. as follows:

1857/8 in App. to Assem. jols. 10 sess. unnum. doc.
1857/8 " " " Sen. " 10 " " "
1858/9 " " " Assem. " 11 " " "
1858/9 " " " Sen. " 11 " " "
1859/60 " " " Assem. " 12 " " "
1859/60 " " " Sen. " 12 " " "
1860/1 " App. to jols. 13 sess. unnum. doc.
1861/2 " " " " 14 " " "
1862/3 " " " " 15 " " "
1863/4 " " " " 16 " " "
1864/5 " " " " 16 " v. 1 unnum. doc.

3 series

1865/7-1877/9. Bienn. rept. of controller.

In Collected docs. as follows:

1865/7 in App. to jols. 17 sess. v. 1 unnum. doc.
1867/9 " " " " 18 " v. 1 " "
1869/71 " " " " 19 " v. 1 " "
1871/3 " " " " 20 " v. 1 " "
1873/5 " " " " 21 " v. 1 " "
1875/7 " " " " 22 " v. 1 " "
1877/9 " " " " 23 " v. 1 " "

4 series

1879/80. Rept. [ann.] of controller [for yr. endg. June 30].

In Collected docs. as follows:

1879/80 in App. to jols. 24 sess. v. 1 unnum. doc.

5 series

1880/2-1902/4. Bienn. rept. of controller.

In Collected docs. as follows:

1880/2 in App. to jols. 25 sess. v. 1 unnum. doc.
1882/4 " " " " 26 " v. 1 " "
1884/6 " " " " 27 " v. 1 " "
1886/8 " " " " 28 " v. 1 " "
1888/90 " " " " 29 " v. 1 " "
1890/2 " " " " 30 " v. 1 " "
1892/4 " " " " 31 " v. 1 " "
1894/6 " " " " 32 " v. 1 " "
1896/8 " " " " 33 " v. 1 doc. [4].
1898/00 " " " " 34 " v. 1 " [6].
1900/2 " " " " 35 " v. 1 " [7].

Treasurer

1 series

1849/50-1862/3. Ann. rept. of treasurer for yr. endg. June 30.

In Collected docs. as follows:

1849/50 in Sen. jols. 1851: 553-558.
" " Assem. jols. 1851: 897-902.
1850/1 " App. to Sen. jols. 1852: 511-515.
1851/2 " " " " " 1853 doc. 2.
1852/3 " " " Assem. " 5 sess. 1855 doc. 3.
1853/4 " " " " " 6 " doc. 3.
1853/4 " " " Sen. " 6 " " 3.
1854/5 " " " Assem. " 7 " " 3.
1854/5 " " " Sen. " 7 " " 3.
1855/6 " " " Assem. " 8 " unnum. doc.
1855/6 " " " Sen. " 8 " " "
1856/7 " " " Assem. " 9 " " "
1856/7 " " " Sen. " 9 " " "
1857/8 " " " Assem. " 10 " " "
1857/8 " " " Sen. " 10 " " "
1858/9 " " " Assem. " 11 " " "
1858/9 " " " Sen. " 11 " " "
1859/60 " " " Assem. " 12 " " "
1859/60 " " " Sen. " 12 " " "
1860/1 " " " jols. 13 sess. unnum. doc.
1861/2 " " " " 14 " " "
1862/3 " " " " 15 " " "

2 series

1863/5-1877/9. Bienn. rept. of treasurer.

In Collected docs. as follows:

1863/5 in App. to jols. 16 sess. v. 1 unnum. doc.
1865/7 " " " " 17 " v. 1 " "
1867/9 " " " " 18 " v. 1 " "
1869/71 " " " " 19 " v. 1 " "
1871/3 " " " " 20 " v. 1 " "
1873/5 " " " " 21 " v. 2 " "
1875/7 " " " " 22 " v. 1 " "
1877/9 " " " " 23 " v. 1 " "

FINANCE: STATE—cont'd

STATE GOVERNMENT, 1849-date—cont'd

serial—cont'd

Treasurer—cont'd

3 series

1879/80. Rept. [ann.] of treasurer.

In Collected docs. as follows:

1879/80 in App. to jols. 24 sess. v. 1 unnum. doc.

4 series

1880/2-1902/4. Bienn. rept. of treasurer.

In Collected docs. as follows:

1880/2 in App. to jols. 25 sess. v. 1 unnum. doc.
1882/4 " " " " 26 " v. 1 " "
1884/6 " " " " 27 " v. 1 " "
1886/8 " " " " 28 " v. 1 " "
1888/90 " " " " 29 " v. 1 " "
1890/2 " " " " 30 " v. 1 " "
1892/4 " " " " 31 " v. 1 " "
1894/6 " " " " 32 " v. 1 doc. [4].
1896/8 " " " " 33 " v. 1 " [2].
1898/00 " " " " 34 " v. 1 " [5].
1900/2 " " " " 35 " v. 1 " [6].

non-serial

1849. Keeping out of debt and meeting all obligations promptly cited as means of securing prosperity. (Govs. ann. mess. 1849.)

1849-1850. Review of causes leading up to creation of large state debt; formation of state with empty treasury and without intermediate process of territorial govt., immediate necessity for providing current funds at ruinous rates, transient and untaxable character of first immigration and adoption of cumbersome and expensive form of govt. as provided by constitution, etc. (*Same* 1856: 3-6.)

1849-1853. Revenue inadequate to meet demands on treasury. (*Same* 1856: 5.)

1850. Majority and minority repts. of committee on res. re. public domain, mineral lands, custom houses, branch of U. S. mint, and certain moneys rightfully belonging to state of Cal. (Legisl. jol. 1849/50: 802-817.)

——. Deficiency in revenue reviewed. (Govs. ann. mess. 1851.)

——. Review of defects in system of accounting betw. treasurer's and comptroller's offices, showing possibility of controller's issuing unlimited amt. of warrants on treasury without evidence of same appearing in any office but his own; and possibility of moneys being placed in treasury without being accounted for in controller's office, as result of operation of foreign miners' tax act, and act creating office of state assayer. (A.R. comptroller 1850.)

1850-1852. Finances of state neglected and heavy liabilities, repeatedly contracted, beginning to grow burdensome. (Govs. ann. mess. 1853.)

1850-1855. Heavy expenses incurred by state as result of expensive and cumbersome system of govt. provided for by constitution. (*Same* 1856: 5.)

1851. Rept. re. feasibility of securing reimbursement from U. S. of expenses of organizing Cal. govt. (Legisl. jol. 1851: 849-851.)

——. Practice of incurring debt to meet ordinary expenses of govt. condemned, and reduction of expenditures with increase of taxation suggested as remedy for deficiency in revenue. (Govs. ann. mess. 1851.)

1852. Legisl. heretofore not successful in providing for wants and necessities of state. (Govs. special mess. Jan. 30, 1852.)

——. General review of causes of unsatisfactory condition of state finances, with specific suggestions for improvement of same. (*Same* Jan. 30, 1852.)

——. $158,000 annually saved to state by retrenchment act of sess. of 1851, and further enactments urged along same lines. (*Same* Jan. 30, 1852.)

FINANCE: STATE—cont'd
STATE GOVERNMENT, 1849-date—cont'd
non-serial—cont'd
1852. Recommendation to repeal all laws authorizing any moneys to be paid into or drawn from state treasury except by warrant from comptroller in all cases. (A.R. state comptroller 1851/2: 50.)
——. Suggestion for substitution of bienn. instead of ann. sess. of legisl. as matter of economy. (*Same* 1851/2: 42.)
——. Suggestion for apptmt. of committee to examine books of treasurer and comptroller, at early period sess. of Gen. Assem. (*Same* 1851/2: 50.)
——. Comments on legislative retrenchment. (*Same* 1851/2: 41-42.)
1853. Change necessary in financial policy to prevent destruction of state credit and further involving state interests. (Govs. ann. mess. 1853.)
——. Introduction of bienn. instead of ann. sess. of legisl. urged as measure of economy. (*Same* 1853.)
——. General reduction of expenditures of govt. urged. (*Same* 1853.)
——. Review of injustice and impolicy of requirement for payment of state dues in gold and silver only, urging provision for making comptroller's warrants tax receivable. (*Same* 1853.)
——. Recommendation re. repeal of all laws authorizing receipt of any moneys, or redemptions, or drafts from treasury, without prtd. or written or warrant of controller. (A.R. state comptroller 1852/3: 49.)
1853/4-1855. General balance of treasurer of state in acct. with state. (A.R. state treasurer 1853/4 (pp. 6-7)—*same* 1855/6.)
1853/4-1857. Cash book. (*Same* 1853/4 (pp. 28-38)—*same* 1856/7.)
1854. Bienn. sess. urged as measure of economy. (Govs. special mess. May 8, 1854.)
——. Treasurer's certificates of balance issued. (A.R. state treasurer 1853/4: 23.)
——. Recommendation that treasurer be required to rept. mo. to comptroller complete operations of treasury, specifying amts. recd., from what sources, amts. expended in redemption of bonds, warrants, coupons for interest, etc., and balance on hand in treasury to credit of various funds. (A.R. state comptroller 1853/4: 34.)
——. Recommendation for apprn. to meet any unexpected or contingent expenses that may arise. (*Same* 1853/4: 33.)
——. Review of changes to be made in constitution as means of reducing expenses; with list of reductions of expenditure to be effected. (Govs. ann. mess. 1854: 13-15.)
1854-1856. Trial balance. (A.R. state treasurer 1853/4 (pp. 20-21)—*same* 1855/6.)
1855. Communication of treasurer with reference to condition of treasury. 37 pp., 1 l. (App. to Assem. jol. 6 sess. doc. 18.)
——. Communication from comptroller re. deficiencies from Feb. 1, 1854, to Feb. 1, 1855. 4 pp. (App. to Sen. jol. 6 sess. doc. 9.)
——. Reduction of expenditures necessary as precautionary measure agst. retarding state prosperity by continued excess of disbursements over receipts. (Govs. ann. mess. 1855: 6.)
——. Material prosperity of state greatly advanced during yr. (*Same* 1856: 7.)
——. Stmt. of assets and liabilities on Dec. 31. (*Same* 1856: 11.)
——. Reduction of legislative expenses urged. (*Same* 1855: 12.)
——. Stmt. of sums to be saved to state by proposed constitutional amdmts. for reduction of salaries, limiting sess. to 90 days and making them bienn. and reducing cost of transportation of prisoners. (*Same* 1855: 11-12.)
1856. Observance of rigid economy and abolition of all useless officers urged. (Govs. inaugural address 1856.)
——. Review of constitutional provisions restricting expenditures, showing same to have been disregarded in incurring existing state indebtedness. (*Same* 1856.)
——. Reduction of expenditures urged in various depts. of state. (Govs. ann. mess. 1856: 10.)
——. Bienn. sess. urged as saving $175,000 to state annually. (*Same* 1856: 10.)
——. Communication from comptroller, with stmt. of deficiencies for which no apprn. was made. (Assem. jol. 1856: 725.)
——. Rept. of special committee re. proposed bill making apprns. for deficiencies, showing extravagance of various depts., especially in enormous expenditure through contingent funds, and fraudulent overcharges in state prtg. and furnishing state capitol. (Sen. jol. 1856: 426-428.)
——. Rept. re. failure to remove invalid laws from statute books, and inconvenience and expense forced upon citizens as result of same. (Sen. jol. 1856: 223-225.)
——. Comptroller's stmt. of deficiencies accruing up to Feb. 1. (*Same* 1856: 201.)
1856/7. Certificates of balance. (A.R. state treasurer 1856/7: 18-19.)
1857. Rept. of committee on public expenditures stating amt. of money in state treasury. (Sen. jol. 8 sess. pp. 149-150.)
——. Rept. on amt. of money in treasury Jan. 24. (Assem. jol. 8 sess. p. 169.)
——. Rept. of committee on public expenditures and accts. on condition of public offices. (*Same* 8 sess. pp. 183-188.)
——. Stmt. showing deficiencies in apprns. to various offices. (Sen. jol. 9 sess. p. 311.)
——. Rept. on investigation of manner and mode in which provisions of act for better protection of state treasury has been carried out and obeyed and charges agst. controller of misdemeanor in office. (Assem. jol. 8 sess. pp. 206-208.)
——. Rept. on amt. of money in treasury Jan. 31. (*Same* 8 sess. p. 219.)
——. Rept. of committee on accts. and expenditures on various claims of several depts. of govt. presented to them for allowance, with stmt. of accts. allowed, 1855-1857. (*Same* 8 sess. pp. 831-834.)
——. Minority rept. of jt. committee to ascertain amt. of coin and treasure in treasury. (Sen. jol. 8 sess. pp. 117-119; Assem. jol. 131-132.)
——. Same; majority rept. (Sen. jol. 8 sess. pp. 119-120.)
1859. Stmt. of rewards offered by gov. which have not been paid because of no specific apprn. being made therefor. (Assem. jol. 10 sess. pp. 143-144; Sen. jol. p. 127.)
——. Minority rept. of finance committee on act to provide revenue for support of govt. of state. (Sen. jol. 10 sess. pp. 409-419.)
1862. Stmt. concerning the state finances by state treasurer. 8 pp. (App. to jols. 13 sess. [doc. 17].)
——. Rept. of controller re. financial condition of state. 12 pp. (*Same* 13 sess. [doc. 16].)
1863-1865. Detailed stmt. of U. S. notes in state treasury; receipts and expenditures. (Bienn. rept. state treasurer 1863/5: 29-30.)

FINANCE: STATE—cont'd
STATE GOVERNMENT, 1849-date—cont'd
non-serial—cont'd

1863-1869. Stmt. of deficiencies for fiscal yr. (A.R. state controller 1862/3 (p. 103)—biennial. rept. *same* 1867/9.)
1863-1871. U. S. notes in state treasury; receipts and expenditures. (Biennial. rept. state treasury 1863/5 (p. 28)—*same* 1869/71.)
1864. Mess. of gov. on financial condition of state. 11 pp. (App. to jols. 15 sess. v. 2 unnum. doc.)
1865. Stmt. of acct. of each co. with state during fiscal yr. (A.R. state controller 1864/5: 50-73.)
1867-1869. Stmt. of transactions in state stamps. (Biennial. rept. *same* 1865/7 (p. 160)—*same* 1867/9.)
1869. Recommendation that bd. of examiners be directed to adjust balances on books of treasurer and controller, and that treasurer be required to specify, in mo. rept. to controller, date, no., and amt. of warants redeemed by him. (*Same* 1867/9: 9.)
1872. List of vouchers delivered by controller to Jas. E. Hale and Thos. N. Nosler. 216 pp.
Not seen; entry from Bowker.
1873. Comments on retrenchment. (Biennial. rept. state controller 1871/3: 22-23.)
——. Comments on stationery, fuel, and light; recommendation that law be so amended as to give bd. of examiners power to make all purchases, advertising for proposals, and awarding contract to lowest bidder. (*Same* 1871/3: 9.)
——. Stmt. of condition of consolidated balance sheet. (*Same* 1871/3: 150-151.)
——. Amt. of assets held by state June 30. (Biennial. rept. state treasurer 1871/3: 31.)
1877. Stmt. of deficiencies for 27th, 28th, and 29th fiscal yrs. (Biennial. rept. state controller 1875/7: 133.)
——. Comments on retrenchment, and recommendation that legisl. make no apprns. except such as are absolutely necessary, and to reduce every apprn. to lowest possible limit. (*Same* 1875/7: 19.)
1879-1894. State debt and kind of money in treasury, June 30. (Biennial. rept. state treasurer 1877/9 (p. 16)—*same* 1892/4.)
1891. In reference to certain duties of auditors and tax collectors, Sept. 7; opinion 137 atty. gen. (Hart). 3 pp.
Not seen; entry from Bowker.
——. Rept. on investigation of various comns. of state. (Assem. jol. 29 sess. pp. 585-586.)
1893. Govs. mess.; deficiencies in excess of apprns. in state offices, exemption of treasurer's and controller's warrants from examination, etc. (Sen. jol. 30 sess., pp. 542-543; Assem. jol. pp. 516-518.)
1894/6. Stmt. showing amt. of cash in treasury, not credited to any fund, and not included in any previous cash stmt. (Biennial. rept. state treasurer 1894/6: 17.)
1895. Stmts. showing financial condition of state. (Sen. jol. 31 sess. pp. 1166-1168.)
1896. Stmt. showing cash on hand, being money in treasury vault at close of business, June 30. (Biennial. rept. state treasurer 1894/6: 12.)
1896-1904. Stmt. showing cash balance in state treasury at close of business, June 30. (*Same* 1894/6 (p. 11)—*same* 1902/4.)
1897. Govs. mess. re. his inability to approve any bill for further apprns. on acct. of heavy taxes imposed on people of state. (Sen. jol. 32 sess. pp. 1247-1248.)
1898/00. Stmt. showing amt. of cash in treasury, not covered into any fund and not included in any previous cash stmt. (Biennial. rept. state treasurer 1898/00: 12.)

FINANCE: STATE—cont'd
STATE GOVERNMENT, 1849-date—cont'd
non-serial—cont'd

1899. Govs. mess. re. condition of state finances. (Assem. jol. 33 sess. pp. 840-841.)
1900-1904. Stmt. showing kinds of money on hand, in treasury vault, June 30. (Biennial. rept. state treasurer 1898/00 (p. 9)—*same* 1902/4.)

Appropriations
1850-1852. Tabular stmt. showing separately whole amt. of each apprn. of money made by law, amt. paid under same, and balance remaining unexpended, June 30. (A.R. state comptroller 1849/50 (p. 533)—*same* 1851/2.)
Paging from Collected docs.
1854. Veto of act making apprns. to meet civil expenditures of state, 1854-1855. (Sen. jol. 1854: 562.)
1855. Rept. of secy. of state re. apprns. of present sess., with stmt. of same for deficiencies of 1854 and for 1855 resp. (*Same* 1855: 858-863.)
1856. Exhibit of all apprns. made by acts of 1856. (*Same* 1856: 874-876.)
1857. Veto of act making apprns. to defray civil expenses of govt. from Feb. 1 to June 30, 1857. (*Same* 8 sess. pp. 430-431.)
1859-1862. Stmt. showing apprns. made. (A.R. state treasurer 1861/2: 16.)
1863. Recommendation that Assem. committee of ways and means and Sen. finance committee keep accurate acct. of all apprns. made by legisl. so that in preparing revenue bills, the means provided and apprns. will agree in amt. (A.R. state controller 1862/3: 11-12.)
1881. Veto of act making apprns. to pay expenses of extra sess. (Sen. jol. 24 sess. pp. 560-561.)
1887. Rept. of select committee re. alleged errors in engrossment of general apprn. bill finding that they are unable to determine cause of errors. 4 pp. (App. to jols. 27 sess. v. 8 doc. [18].)
1889. Stmt. of moneys appropriated. 8 pp.
1891. Stmt. of bills involving apprns. (Assem. jol. 29 sess. pp. 335-336.)
1893. Rept. on amt. of apprns. recommended. (*Same* 30 sess. pp. 662-663.)
1893-1899. Amt. of general and special apprn. bills. (Blue book 1899: 213.)
1895. Stmt. of apprn. bills passed. (Sen. jol. 31 sess. pp. 338-340.)
1897-1899. List of special apprn. bills approved. (Blue book 1899: 210-212.)
——. List of special apprn. bills vetoed and pocketed. (*Same* 1899: 208-209.)

Auditor
1858. Auditor's estimate of apprn. needed for contingencies of his office. (Sen. jol. 9 sess. p. 310.)

Board of Examiners
1887/8-1890. Recommendation for creation of state bd. of examiners, whose duty it shall be to audit all claims agst. state, and to inaugurate thorough business system throughout all depts. of state govt. and compel its introduction and personally investigate all expenditures of state's money, for whatever purpose appropriated. (A.R. bd. examiners dated 1889 (pp. 38-39)—*same* 1888/90.)
1892. Recommendation that law be so amended that secy. of bd. be made an ex-officio member of bd. with power to act only in absence from state capitol of two of other members. (*Same* dated 1893: 44.)
1894. Recommendation that name "Bd. of Examiners" be changed to "State Bd. of Auditors." (*Same* dated 1895: 62.)
1895. Recommendation that legisl. make some provisions for expert to state bd. of examiners. (*Same* dated 1897: 23-24.)

FINANCE: STATE—cont'd
Board of Examiners—cont'd
1900. Recommendation for adequate apprn. for necessary permanent clerical force of office, and traveling expenses of bd. and its expert. (*Same* dated 1901: 11.)
EXPENDITURES; see below, that title
REPORTS; see DEBT: STATE
Controller's Office
See also below, Treasurer's Office.
1858. Comptroller's estimate of apprn. needed for contingencies of his office. (Sen. jol. 9 sess. p. 311.)
1865. Letter of controller re. charges agst. himself and revenue officers of Trinity Co. (*Same* 16 sess. p. 79; Assem. jol. p. 107.)
1885. Majority rept. recommending that act providing money for contingent expenses of controller do not pass. (Assem. jol. 26 sess. pp. 254-255.)
——. Same; minority rept. (*Same* 26 sess. pp. 211-212.)
1886. Recommendation for two additional clerks for controller's office and that $1000 per yr. be appropriated for traveling expenses. (Bienn. rept. state controller 1884/6: 38.)
1894. Recommendation for sufficient apprn. to refit controller's office with modern and fire-proof cases, book-racks, etc. (*Same* 1892/4: 33-34.)
EXPENDITURES; see below, that title
Estimates
1849/50-1871. Estimate of receipts and expenditures for ensuing yr., with comments. (A.R. state comptroller 1849/50 (pp. 525-530)—bienn. rept. *same* 1869/71.)
Paging from Collected docs.
1854-1855. Estimated contingent expenses of treasury dept. (controller and treasurer) Feb. 1, 1854, to Feb. 1, 1855, for payment of which no provision has been made; made pursuant to Sen. res. adopted Jan. 10, 1853. (Sen. jol. 1855: 103-104.)
1873. Comments on estimate of expenditures, and suggestion that committee on apprns. keep acct. of amts. required by different apprn. bills as they are approved; by adding amt. to estimate for general apprn. bill total sum to be raised and rate of taxation can be ascertained at any time during sess. (Bienn. rept. state controller 1871/3: 21.)
1873-1904. Stmt. giving estimate of expenditures for ensuing yr. (*Same* 1871/3 (pp. 200-203)—*same* 1902/4.)
Expenditures
See also below, Revenue and Expenditures.
1849/50. Stmt. showing amt. of warrants unredeemed, June 30, and comments on same. (A.R. state comptroller 1849/50: 523-525.)
Paging from Collected docs.
1849/50-1861/2. Classified stmt. of expenditures from treasury. (*Same* 1861/2: 52-56.)
——. Misc. expenditures. (*Same* 1849/50 (p. 522)—*same* 1861/2.)
Paging from Collected docs.
1850. Table of controller's warrants drawn on treasurer July 1 to Dec. 13, and amt. uncondemned Dec. 15. (Suppl. rept. comptroller 1850.)
——. Rept. of comptroller on classified expenditures to Apr. 15 (from Jan. 1?), with estimated expenditures Apr. 15 to Dec. 31. (Legisl. jol. 1849/50: 1174-1179.)
1850-1851. Comptroller's stmt. of amt. of warrants drawn on treasurer Dec. 15 to March 18. (*Same* 1851: 726.)
1850-1852. Rept. re. contingent expenses of state officers, reviewing legislation re. contingent expenses and urging greater restriction of same, with stmts. and acc. docs. (Assem. jol. 1852: 470-477.)
FINANCE: STATE—cont'd
Expenditures—cont'd
1850-1853. Stmt. of ann. expenses of each of three depts. of state govt. (App. to govs. ann. mess. 1854: 34.)
1850-1857. Cumulative comparative table of expenditures of treasury. (A.R. state comptroller 1853/4 (p. 12)—*same* 1856/7.)
1851. Suggestion to make comptroller's warrant receivable in payment of all state dues. (Govs. ann. mess. 1851.)
——. Comptroller's stmt. of warrants drawn on treasury for contingent expenses of comptroller, secy. of state, treasurer, surveyor gen., and atty. gen., resp., up to Jan. 18. (Legisl. jol. 1851: 962-965.)
1851/2-1852/3. Itemized stmt. of payments out of state treasury. (A.R. state treasurer 1851/2 (pp. 5-6)—*same* 1852/3.)
1852. Suggestion to make comptroller's warrants receivable for state dues, as measure for increasing state revenue. (Govs. special mess. Jan. 30, 1852.)
1852-1853. Stmt. of apprns. for special objects, unconnected with administration of govt. (App. to govs. ann. mess. 1854: 33.)
1854-1855. Treasurer's stmt. re. amt. of comptroller's warrants outstanding Feb. 1, 1855, and amt. redeemed Dec. 20, 1854 to Feb. 1, 1855. (Sen. jol. 1855: 242.)
——. Stmt. of civil expenditures accruing Feb. 1, 1854, Feb. 1, 1855, for payment of which no provision made. (*Same* 1855: 155.)
1854-1856. Warrants drawn from July 1 to Dec. 20. (A.R. state comptroller 1853/4 (p. 30)—*same* 1855/6.)
——. Stmt. of Comptroller's warrants, showing amt. issued and outstanding and reedemed at state treasury. (*Same* 1853/4 (p. 27)—*same* 1855/6.)
1854-1861. Tabular stmt. of amt. of each apprn. made by law, amt. audited under same, and balance unexpended at close of yr. June 30. (*Same* 1853/4 (pp. 13-15)—*same* 1860/1.)
1855. Stmt. of disbursements on acct. of deficiencies of previous yr. (Govs. ann. mess. 1856: 11.)
1855-1856. Treasurer's communication, with stmt. of controller's warrants issued, redeemed and outstanding 1855, and outstanding Feb. 15, 1856 (showing amt. of same issued for state prison). (Assem. jol. 1856: 355.)
1855/6. Tabular stmt. of expenditures out of state treasury for yr. (A.R. state treasurer 1855/6 n. p.)
1858-1862. Stmt. of amt. of warrants issued. (A.R. state controller 1857/8 (p. 31)—*same* 1861/2.)
1858/9-1884. Tabular stmt. of expenditures of state treasury. (A.R. state treasurer 1858/9 (foldg. sheet)—bienn. rept. *same* 1882/4.)
1861. Reply of atty. gen. to request of controller for advice re. drawing of warrants demanded by state capitol comrs. for purpose of settling with late contractor; as remedy for evil suggested therein, passage of act recommended, providing that controller shall not draw his warrant for payment of any money out of any apprn. made by law until money for same is in state treasury; also recommended that special fund for payment of current expenses of govt. be created, and that treasurer be required to set apart, each mo., sufficient sum, if same be in treasury, to meet demands upon that fund, before paying any other claims. (A.R. atty. gen. 1861: 10-12.)
——. List of warrants destroyed. (Sen. jol. 12 sess. pp. 852-853; Assem. jol. pp. 895-897.)
1865-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended of executive dept. which included govs. office, secy. of state, control-

FINANCE: STATE—cont'd
Expenditures—cont'd
ler, treasurer, supt. public instruction, surveyor gen., register of state land, atty. gen., adj. gen. (A.R. state controller 1864/5 (pp. 34-38)—*same* 1902/4.)
——. Recapitulation giving aggregate amt. of expenditures. (*Same* 1864/5 (p. 48)—*same* 1902/4.)
——. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for misc. purposes. (*Same* 1864/5 (p. 45)—*same* 1902/4.)
1867. Recommendation that act be passed directing cancellation of any warrant that remains uncalled for in controller's office for over yr. after issued. (*Same* 1865/7: 9.)
1869-1873. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for expenses for compilation of laws. (*Same* 1867/9 (p. 63)—*same* 1871/3.)
1871. Recommendation that law be enacted directing registration and cancellation of all warrants which remain uncalled for one yr. from date of issue, and that bd. of examiners be authorized to adjust balances on books of treasurer and controller, and that treasurer be required to specify, in his mo. rept. to controller, no., date, and amt. of all warrants redeemed by him and fund out of which same are paid. (*Same* 1869/71: 15-16.)
——. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for restitution of moneys. (*Same* 1869/71: 72.)
——. Same; for sale of legal tender notes. (*Same* 1869/71: 58.)
1882-1884. Same; for stationery, fuel, lights, etc. (*Same* 1880/2 (p. 67)—*same* 1882/4.)
1882-1896. Same; for official advertising. (*Same* 1880/2 (pp. 67-68)—*same* 1894/6.)
1882-1904. Same; for rewards. (*Same* 1880/2 (p. 67) —*same* 1902/4.)
1885-1904. List of warrants canceled, to whom issued, and date of issue when canceled, fund, and amt. (Bienn. rept. state treasurer 1886/8 (p. 31)—*same* 1902/4.)
1886. Comments on hotel and traveling expenses; recommendation for placing limit upon amt. to be expended per day for hotel expenses subject to payment by state. (Bienn. rept. state controller 1884/6: 33.)
1887-1899. Tabular stmt. of exhaustions of gen. fund and transfers of money. (Assem. jol. 33 sess. pp. 29-31.)
1889. Rept. on investigation of expenditures of public moneys. (*Same* 28 sess. pp. 980-981.)
1892-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for transfer acct. (Bienn. rept. state controller 1890/2 (p. 69)—*same* 1902/4.)
1893/5-1895/7. Table comparing increase of state expenditures. (Blue book 1895: 83.)
——. Same; decrease. (*Same* 1895: 83.)
1894/6. Stmt. showing payments out of state treasury. (Bienn. rept. state treasurer 1894/6: 22-32.)
1896-1898. Stmt. showing amt. of state warrants remaining unpaid and outstanding at close of business, June 30. (*Same* 1894/6 (p. 14)—*same* 1896/8.)
1896-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for code comrs. (Bienn. rept. state controller 1894/6 (p. 65)—*same* 1902/4.)

FINANCE: STATE—cont'd
Expenditures—cont'd
1900-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. of expenses under each, and balance. (*Same* 1898/00 (p. 88)—*same* 1902/4.)
——. Stmt. showing amt. of state controller's warrants remaining outstanding and unpaid at close of business June 30. (Bienn. rept. state treasurer 1898/00 (p. 12)—*same* 1902/4.)
AGRICULTURAL SOCIETIES; see that title
AGRICULTURE; see that title
ASYLUMS; see MAINTENANCE: STATE
ATTORNEY GENERAL'S OFFICE; see ADMINISTRATION OF JUSTICE. RECEIPTS, ETC.
BLIND; see MAINTENANCE: STATE
BOARD OF EXAMINERS
1891/2-1904. Financial stmt. of expenses of state bd. of examiners and expert. (A.R. bd. examiners dated 1893 (p. 45)—*same* 1902/4.)
1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended by state bd. of examiners. (Bienn. rept. state controller 1902/4: 60-61.)
BOUNTY
Agriculture; see that title.
Animal; see Bounty.
BRIDGES; see that title
BUILDING AND LOAN ASSOCIATIONS; see that title
BUREAU OF LABOR STATISTICS; see LABOR
CALIFORNIA LABOR EXCHANGE; see LABOR. EXPENDITURES
CAPITOL; see PUBLIC BUILDINGS AND GROUNDS: STATE
CHARITIES AND CORRECTIONS; see MAINTENANCE: STATE
CITRUS FAIRS; see AGRICULTURE. RECEIPTS, ETC.
CONTROLLER'S OFFICE
1858. Stmt. of warrants drawn upon contingent fund of controller's office from Oct. 10, 1858, to Jan. 1, 1859. (Assem. jol. 10 sess. p. 86; Sen. jol. pp. 87.)
1875. Stmt. showing manner in which apprn. for contingent expenses in controller's office was expended by J. J. Green (controller), July 1 to Dec. 6. (Bienn. rept. state controller 1875/7: 22.)
1875/7. Same; for contingent expenses in office of controller was expended from Dec. 6, 1875, to June 30, 1877, incl. (*Same* 1875/7: 21.)
——. Same; for postage and expressage. (*Same* 1875/7: 20-21.)
——. Same; for prtg. and engraving controller's warrants. (*Same* 1875/7: 22.)
1877-1904. Stmt. showing in detail the manner in which apprns. in controller's office were expended. (*Same* 1877/9 (pp. 14-16)—*same* 1902/4.)
1882-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for controller. (*Same* 1880/2 (p. 57)—*same* 1902/4.)
CORRECTIONS AND CHARITIES; see MAINTENANCE: STATE
DAIRY BUREAU; see INDUSTRIES, ETC. DAIRY
DOCKS; see WHARVES AND DOCKS
DRAINAGE; see RIVER CONSERVANCY
EDUCATION; see that title
ELECTIONS
1849. Rept. re. advisability of paying claims for Nov. election expenses, as being authorized by power other than state, with review of proclamation of Gov. Riley, Aug. 3, recommending formation of state and authorizing incurrence of expenses of same. (Legisl. jol. 1849/50: 976-979.)
1886. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for presidential electors. (Bienn. rept. state controller 1884/6: 62.)
EMPLOYMENT BUREAU; see LABOR. EXPENDITURES
ENGINEER; see PUBLIC WORKS: STATE

FINANCE: STATE—cont'd

Expenditures—cont'd

EQUALIZATION BOARD; see TAXATION: STATE. EXPENDITURES

ESCHEATS; see LAND

ESTATES OF DECEASED PERSONS; see LAND. ESCHEATS

EXECUTIVE MANSION; see PUBLIC BUILDINGS AND GROUNDS: STATE

FEES; see that title

FISH COMMISSION; see FISH AND GAME

FOLSOM STATE PRISON; see MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS

FORESTS; see NATURAL RESOURCES

GAME; see FISH AND GAME. RECEIPTS, ETC.

GENERAL FUND

1851/2-1861. Itemized stmt. of general fund payments for yr. (A.R. state treasurer 1851/2 (pp. 9-11)—*same* 1860/1.)

1864/5-1869. Misc. apprns. paid from general fund. (Bienn. rept. *same* 1863/5 (p. 32)—*same* 1867/9.)

GEOLOGICAL SURVEY; see NATURAL RESOURCES. GEOLOGY

GOVERNOR; see that title

HARBORS; see that title

HEALTH BOARD; see PUBLIC HEALTH

HIGH SCHOOLS; see EDUCATION. EXPENDITURES

HORTICULTURE; see AGRICULTURE. RECEIPTS, ETC.

INDIAN HOSTILITIES; see WAR EXPENDITURES

INSANE; see MAINTENANCE: STATE

INSURANCE; see that title

JUDICIAL DEPARTMENT; see ADMINISTRATION OF JUSTICE. RECEIPTS, ETC.

LABOR; see that title

LEGISLATURE

1849/50-1862. Expenditures of legislative dept. (A.R. state comptroller 1849/50 (p. 521)—*same* 1861/2.)
Paging from Collected docs.

1850-1853. Tabular stmt. showing ann. legislative expenditures. (*Same* 1852/3: 42-43.)

1852-1853. Legislative expenditures enormous; reduction urged. (Govs. ann. mess. 1854: 15.)

1855. Legislative expenses for clerical service alone over $100,000. (*Same* 1856: 10.)

1865-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended of legislative dept. (Bienn. rept. controller 1864/5 (p. 38)—*same* 1902/4.)

1871/2-1875/6. Comparative stmt. of contingent expenses of legisl. 4 pp. (App. to jols. 21 sess. v. 5 unnum. doc.)

1873. Comments on contingent expenses of legisl.; also recommendation that incoming members of legisl. observe more closely strict incoming rules. (Bienn. rept. state controller 1871/3: 8-9.)

1873-1884. Stmt. of contingent expenses of Sen. and Assem. (*Same* 1871/3 (pp. 188-197)—*same* 1882/4.)

1888. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for extra sess. of legisl. (*Same* 1886/8: 46.)

1896. Rept. on various expenditures of legisl. (Sen. jol. 32 sess. pp. 121-130.)

ASSEMBLY

1850. Tabular stmt. showing Assem. contingent fund. (A.R. state comptroller 1849/50: 539.)
Paging from Collected docs.

1859. Stmts. of accts. for sundry expenses of House. (Assem. jol. 10 sess. pp. 153; 226; 299; 340; 400; 422; 446; 452; 503; 529; 568; 691; 713; 730-731.)

1860. Stmts. of various accts. to be paid out of contingent fund of Assem. (*Same* 11 sess. pp. 209; 276; 282; 413; 515; 585; 630; 666; 691; 762.)

1871/2-1875/6. Stmt. of contingent expenses of Assem. for Feb., also stmt. for Dec., Jan., and Feb. (*Same* 21 sess. pp. 428-431.)

FINANCE: STATE—cont'd

Expenditures—cont'd

LEGISLATURE—cont'd

ASSEMBLY—cont'd

——. Stmt. of contingent expenses of Assem. for entire sess.; also stmt. of amt. paid for stationery furnished members, etc. (*Same* 21 sess. pp. 696-698.)

1871/2-1877/8. Stmt. of contingent expenses of Assem. (*Same* 22 sess. p. 304.)

1876. Repts. of special committee on contingent expenses of Assem. 8 pp. (App. to jols. 21 sess. v. 5 unnum. doc.)

1877/8. Stmt. of amts. paid for Assem. stationery and contingencies. (Assem. jol. 22 sess. pp. 822-825.)

LEGISLATIVE FUND

1863. Stmt. of condition of legislative fund. (A.R. state controller 1862/3: 86-87.)

1864/5-1869. Legislative fund, receipts and payments. (Bienn. rept. state treasurer 1863/5 (p. 19)—*same* 1867/9.)

MILEAGE

Mileage of committees to visit asylums, prisons, etc., entered under Maintenance: State. Expenditures.

serial

1857-1901. Rept. on mileage due each member of House.

In Collected docs. as follows:

1857 in Assem. jols. 8 sess. 132-134.
1858 " " " 9 " 91-93.
1859 " " " 10 " 86-88.
1860 " " " 11 " 24-25.
1861 " " " 12 " 156-157.
1862 " " " 13 " 116-118.
1863 " " " 14 " 80-81.
1864 not found.
1865 in Assem. jols. 16 sess. 43-44.
1867 " " " 17 " 109-110.
1869 " " " 18 " 97-99.
1871 " " " 19 " 141-142.
1873 " " " 20 " 232-234.
1875 " " " 21 " 68-69.
1877 " " " 22 " 115-116.
1879 not found.
1881 in Assem. jols. 24 sess. 43-44; 496-497.
1883 not found.
1884 in Assem. jols. 25 sess. 24.
1885 " " " 26 " 66-67.
1886 " " " 26 extra sess. 7-8 95-97.
1887 " " " 27 sess. 62-63.
1889 " " " 28 " 35-36.
1891 " " " 29 " 100-101.
1893-1895 not found.
1897 in Assem. jols. 32 sess. 54-56.
1899 " " " 33 " 59-60.
1901 " " " 34 " 47-48.

1857-1895. Rept. on mileage due each Senator.

In Collected docs. as follows:

1857 in Sen. jols. 8 sess. 100-101.
1858 " " " 9 " 83-84.
1859 " " " 10 " 101.
1860 not found.
1861 in Sen. jols. 12 sess. 21.
1862 " " " 13 " 93-94.
1863 " " " 14 " 72-73.
1864 not found.
1865 in Sen. jols. 16 sess. 29-30.
1867 " " " 17 " 113-114.
1869-1871 not found.
1873 in Sen. jols. 20 sess. 171-172.
1875 " " " 21 " 60.
1877 " " " 22 " 46.
1880 " " " 23 " 65.
1881 not found.
1883 in Sen. jols. 25 sess. 34.
1884 " " " 25 " 27-28.
1885 " " " 26 " 130.
1886 " " " 26 extra sess. 27.
1887 " " " 27 sess. 25.
1889 " " " 28 " 73-74.
1891 " " " 29 " 22-23.
1893 " " " 30 " 18-19.
1895 " " " 31 " 48-49.

non-serial

1855. Veto of act requiring payment of per diem and mileage of members of legisl. to amt. of $1000 each, as calling for more money than is in treasury, with suggestion to fund civil warrants outstanding, and

FINANCE: STATE—cont'd
Expenditures—cont'd
LEGISLATURE—cont'd
non-serial—cont'd
to require controller's warrants to be registered and paid in order of registry; with stmt. of aggregate general fund and special funds, resp., in treasury. (Sen. jol. 1855: 215-217.)
1859. Stmt. of amt. of mileage due special committee to visit S. F. (Assem. jol. 10 sess. p. 435.)
1868. Rept. of Sen. committee re. additional allowances. 4 pp. (App. to jols. 17 sess. v. 2 [doc. 29].)
1881. Rept. on amt. of mileage due committee on irrigation, water rights, drainage, and mining débris. (Sen. jol. 24 sess. pp. 179-180.)
SENATE
1849/50. Stmts. of operations of special contingent fund of Sen. (A.R. state treasurer 1849/50: 555-557.)
Paging from Collected docs.
1850-1851. Tabular stmt. showing condition of Sen. contingent fund. (A.R. state comptroller 1849/50 (p. 539)—*same* 1850/1.)
Paging from Collected docs.
1858. Stmt. of contingent expenses of Sen. (Sen. jol. 9 sess. p. 118.)
——. Stmt. of accts. to be paid out of contingent fund. (*Same* 9 sess. pp. 301; 466; 637.)
——. Stmt. of amts. due from Sen. contingent fund. (*Same* 9 sess. p. 266.)
1860. Stmts. of amts. paid out of Sen. contingent fund. (*Same* 11 sess. pp. 235; 262; 278; 302; 409; 511; 565; 654; 741; 816-817.)
1871/2-1875/6. Stmt. of amt. expended for Sen. stationery to Mch. 31. (*Same* 21 sess. pp. 618-619.)
——. Same; to Mch. 1. (*Same* 21 sess. pp. 368-369.)
——. Stmt. of contingent expenses of Sen. (*Same* 21 sess. pp. 377-378.)
——. Stmt. of amts. expended for stationery from opening of sess. to Dec. 22. (*Same* 21 sess. pp. 96-98.)
——. Stmt. of amts. expended for Sen. stationery to Jan. 31. (*Same* 21 sess. pp. 210-211.)
——. Stmt. of contingent expenses of Sen. for Mch. (*Same* 21 sess. pp. 622-624.)
Stmt. for 1871/2 is for April also.
1886. Rept. of Sen. committee on attachés, contingent expenses and mileage, on amts. due officers of Sen. (Sen. jol. extra sess. 1886: 59, 83-84.)
SERGEANT-AT-ARMS
1850. Stmt. of acct. of sergeant-at-arms to Apr. 3. (Legisl. jol. 1849/50: 1227.)
1856. Rept. of sergeant-at-arms, with stmt. of expenses for forwarding mail, docs., etc., of Assem. from Jan. 7-26, in response to res. of 7 sess. (Assem. jol. 1856: 197-198.)
LEPROSY; see PUBLIC HEALTH. EXPENDITURES
MAINTENANCE; see that title
MARYSVILLE REFORM SCHOOL; see MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS
MINERAL CABINET; see NATURAL RESOURCES. MUSEUMS
MINING BUREAU; see NATURAL RESOURCES. MINERAL
NORMAL SCHOOLS; see EDUCATION. EXPENDITURES
ORPHANS AND ABANDONED CHILDREN; see MAINTENANCE: PRIVATE
PACIFIC RAILROAD; see RAILROADS: INDIVIDUAL
POOR; see MAINTENANCE: STATE
PRESTON SCHOOL OF INDUSTRY; see MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS
PRISONS; see MAINTENANCE: STATE
PUBLIC AID: see that title
PUBLIC BUILDINGS; see PUBLIC BUILDINGS AND GROUNDS: STATE
PUBLIC PRINTING; see that title.

FINANCE: STATE—cont'd
Expenditures—cont'd
PUBLIC WORKS; see that title
RAILROAD COMMISSION; see RAILROADS
RELIEF PURPOSES; see PUBLIC AID
ROADS; see that title
SAN QUENTIN STATE PRISON; see MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS
SCHOOLS; see EDUCATION. EXPENDITURES
SECRETARY OF STATE
1855. Exhibit of contingent expenses of office of secy. of state Feb. 1 to Nov. 5, as required by act of Apr. 27, 1855, making apprns. (Assem. jol. 1856: 164.)
Secy. of State resigned Nov. 5.
——. Stmt. of secy. of state re. contingent expenses Feb. 1 to Nov. 5, pursuant to act passed Apr. 27, 1855. (Sen. jol. 1856: 157-158.)
1857. Copy of accts. paid from contingent fund of secy. of state. (*Same* 9 sess. p. 94.)
1859. Stmt. of accts. paid out of apprn. for contingent expenses of secy. of state. (*Same* 11 sess. pp. 31-32.)
1861-1862. Stmt. of expenses of secy. of state's office. (A.R. state treasurer 1861/2: 15.)
1862-1890. Amt. disbursed by office, out of apprn. for stationery, lights, fuel, etc., to several offices and depts. (A.R. secy. state 1862 (p. 5)—*same* 1888/90.)
1871-1888. Fund for contingent expenses. (Bienn. rept. *same* 1870/1 (p. 7)—*same* 1886/8.)
1875-1884. Comparative stmt. showing difference in expenses and receipts. (*Same* 1877/9 (p. 11)—*same* 1882/4.)
1882. Stmt. of receipts and disbursements. (*Same* 1880/2: 3.)
1882-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for secy. of state. (Bienn. rept. state controller 1880/2 (p. 57)—*same* 1902/4.)
1891. Secy's. rept. re. condition of different funds of his dept. (Sen. jol. 29 sess. p. 167.)
1892-1904. Financial stmts. (Bienn. rept. state dept. 1890/2 (pp. 15-17)—*same* 1902/4.)
1896. Stmt. of apprns. and expenditures. (*Same* 1894/6: 9-10.)
SEED AND PLANT DISTRIBUTION; see AGRICULTURE. RECEIPTS, ETC.
SILK CULTURE; see INDUSTRIES, ETC. SILK CULTURE
STATE LIBRARY; see LIBRARIES
STATE VETERINARIAN; see AGRICULTURE. RECEIPTS, ETC.
SUPREME COURT LIBRARY; see LIBRARIES
SWAMP LAND; see LAND: STATE
TAXATION; see TAXATION: STATE
TELEGRAPH; see TELEGRAPH AND TELEPHONE COMPANIES
TREASURER'S OFFICE
1857. Rept. of accts. and expenditures committee re. state treasury office. 9 pp. (App. to Assem. jol. 8 sess. doc. 19.)
1858. Stmt. of acct. of treasurer for amts. paid for contingent expenses of his office during yr. (Sen. jol. 10 sess. pp. 107-110.)
——. Stmt. of amt. of contingents required for treasurer's office. (*Same* 9 sess. p. 303.)
1859. Stmt. of contingent expenses of treasurer's office. (*Same* 11 sess. pp. 144-145.)
1877/9-1898. Stmt. showing how apprns. for postage and expressage were expended. (Bienn. rept. state treasurer 1877/9 (p. 18)—*same* 1896/8.)
1882-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for treasurer. (Bienn. rept. state controller 1880/2 (pp. 57-58)—*same* 1902/4.)

FINANCE: STATE—cont'd
Expenditures—cont'd
TREASURER'S OFFICE—cont'd
1898/00-1904. Stmt. showing detail of expenditures of treasurer's contingent fund. (A. R. state treasurer 1898/00 (pp. 82-83)—bienn. rept. *same* 1902/4.)
UNITED STATES STEAMSHIP "MARION"
1900. Expenditures on acct. U. S. S. "Marion." (Bienn. rept. adj. gen. 1898/00: 31.)
VETERANS' HOME OF CALIFORNIA; see MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS
VIGILANCE COMMITTEE; see RIOTS, ETC.
VITICULTURAL BOARD; see AGRICULTURE. EXPENDITURES, ETC.
WAR EXPENDITURES; see that title
WHARVES; see WHARVES AND DOCKS
WHITTIER REFORM SCHOOL; see MAINTENANCE: STATE INVIDUAL INSTITUTIONS
YOSEMITE VALLEY; see PARKS: STATE
Fiscal Year
1853. Change of fiscal yr. urged to begin Dec. 15 instead of July 1. (Govs. ann. mess. 1853.)
Funds
1849/50-1850/1. Recapitulation of balances to credit of different funds. (A.R. state treasurer 1849/50 (pp. 556, 558)—*same* 1850/1.)
Paging from Collected docs.
1855-1863. Stmt. of different funds. (A.R. state comptroller 1854/5 (p. 24)—*same* 1862/3.)
1856/7-1861. Copies of comptroller's orders to transfer funds. (A.R. state treasurer 1856/7 (pp. 39-41, 53)—*same* 1860/1.)
1862. Veto of act to transfer certain funds. (Sen. jol. 13 sess. pp. 355-358.)
1863. Same. (*Same* 15 sess. p. 110.)
1864. Stmt. showing balances in all funds and total balance in state treasury, July 1. (A.R. state treasurer 1863/4: 7.)
1865-1869. Suppl. stmt. showing balance in all funds, and amt. total in state treasury, Oct. 31. (Bienn. rept. *same* 1864/5 (p. 35)—*same* 1867/9.)
1865-1884. Recapitulation showing balances in all funds, and total balance in state treasury, June 30. (Bienn. rept. *same* 1863/5 (p. 27)—*same* 1882/4.)
1867-1871. Same; Nov. 4. (Bienn. rept. state controller 1865/7 (pp. 168-169)—*same* 1869/71.)
1873. Stmt. of errors discovered in adjusting balances of several funds, under act of Feb. 20, 1872. (*Same* 1871/3: 206-217.)
1879-1880. Stmt. showing balances in several funds, amt. of warrants outstanding, and balances in state treasury, June 30. (*Same* 1877/9 (p. 74)—*same* 1879/80.)
1882. Stmt. of controller's ledger balance of several funds, amt. of warrants outstanding, and balances, aggregate of which show total amt. of money in state treasury at close of yr., June 30. (*Same* 1880/2: 8.)
1882-1904. Review of condition of principal funds. (*Same* 1880/2 (pp. 10-20)—*same* 1902/4.)
1884-1892. Ann. stmt. of state controller, showing condition of several funds, in the aggregate. (*Same* 1882/4 (pp. 75-76)—*same* 1890/2.)
1884-1904. Comparative exhibit showing controller's ledger balances of several funds, amt. of outstanding warrants and balances, the aggregate of which show total amt. of money in treasury at close of fiscal yrs. endg. June 30; also excess of money in treasury at close of yr. (*Same* 1882/4 (p. 8)—*same* 1902/4.)
1884/6-1902. Stmt. showing receipts, payments, and transaction in each fund during yr. (Bienn. rept. state treasurer 1884/6 (p. 7)—*same* 1900/2.)

FINANCE: STATE—cont'd
Funds—cont'd
1890/2. Recommendation for act permitting and requiring surplus funds in treasury to be loaned. (*Same* 1890/2: 6-7.)
AGNEWS STATE HOSPITAL; see MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS
ASSEMBLY CONTINGENT FUND; see above, EXPENDITURES. LEGISLATURE
BANK COMMISSIONERS' FUND; see BANKS
BUILDING AND LOAN INSPECTION FUND; see BUILDING AND LOAN ASSOCIATIONS
CAPITOL FUNDS; see PUBLIC BUILDINGS AND GROUNDS: STATE
CHINESE FUND; see POPULATION. RECEIPTS AND EXPENDITURES
CIVIL FUND; see above, FINANCE: STATE. MILITARY GOVERNMENT
CONDEMNATION FUNDS
1877/9-1884. Receipts and payments on condemnation fund. (Bienn. rept. state treasurer 1877/9 (p. 12)—*same* 1882/4.)
1879-1886. Stmt. of condition of condemnation fund. (Bienn. rept. state controller 1877/9 (p. 67)—*same* 1884/6.)
1904. Stmt. of condition of San Luis Obispo condemnation fund. (*Same* 1902/4: 118.)
CONTINGENT FUNDS
Special contingent funds are entered under specific headings, as gov's. contingent fund under Governor, etc.
1850/1. Stmt. of operations of special contingent fund of state. (A.R. state treasurer 1850/1: 514.)
Paging from Collected docs.
1862. Stmt. of payments from contingent fund. (*Same* 1861/2: 39.)
1900. Comments on emergency funds, and recommendation that state should make some provision for erection of new bldgs. in case state institutions are destroyed by fire; same suggestion will apply to National Guard. (Bienn. rept. state controller 1898/00: 24-25.)
DEAF, DUMB, AND BLIND ASYLUM CONTINGENT FUND; see MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS
DEPOSIT FUNDS
Banks; see Banks: Receipts, etc.
DISSOLVED SAVINGS BANK FUND; see BANKS. SAVINGS BANK FUND
DRAINAGE CONSTRUCTION FUND; see RIVER CONSERVANCY
ELECTION REWARD FUND
1871/3-1884. Election reward fund; receipts and payments. (Bienn. rept. state treasurer 1871/3 (p. 22)—*same* 1882/4.)
1873-1894. Stmt. of condition of election reward fund. (Bienn. rept. state controller 1871/3 (pp. 148-149)—*same* 1892/4.)
ESTATES OF DECEASED PERSONS FUND; see LAND. ESCHEATS
FEDERAL TAX FUND; see below, REVENUE. FEDERAL GOVERNMENT
FISH COMMISSIONERS' FUND; see FISH AND GAME. RECEIPTS, ETC.
FOLSOM BRANCH PRISON FUND; see MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS
GAME PRESERVATION FUND; see FISH AND GAME. RECEIPTS, ETC.
GENERAL FUND
See also below, Revenue and Expenditures.
1849/50-1850/1. Stmts. of operation of general fund in aggregate. (A.R. state treasurer 1849/50 (pp. 553-554, 556)—*same* 1850/1.)
Paging from Collected docs.
1850-1854. Tabular stmt. showing condition of general fund. (A.R. state comptroller 1849/50 (p. 38)—*same* 1853/4.)
Paging from Collected docs.

FINANCE: STATE—cont'd
Funds—cont'd
GENERAL FUND—cont'd
1855. Treasurer's communication re. amt. of money in general fund, showing embarrassment of dept. as result of failure of cos. to settle and res. prohibiting payment of legislative pay certificates to any but members of legisl. (Assem. jol. 1855: 858-859.)
1857-1861. Balances in following funds, on June 30: general fund, hospital fund, school fund, military fund, etc. (*Same* 1856/7 (p. 38)—*same* 1860/1.)
1861-1904. Stmt. of condition of general fund, June 30. (A.R. state controller 1860/1 (pp. 28-29)—bienn. rept. *same* 1902/4.)
1865-1884. Stmt. showing transaction in general fund for yr. endg. June 30. (Bienn. rept. state treasurer 1863/5 (p. 10)—*same* 1882/4.)
1892/4. Frequent exhaustion of general fund, suggestion that apprns. should be cut down or tax levy raised to meet increased demands. (*Same* 1892/4: 4.)
HARBOR PROTECTION FUND; see HARBORS
HOME FOR FEEBLE-MINDED CONTINGENT FUND; see MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS
HOSPITAL FUND; see MAINTENANCE: STATE. RECEIPTS, ETC. POOR
INSURANCE COMMISSIONER'S SPECIAL FUND; see INSURANCE. EXPENDITURES
INTEREST FUND
1852. Receipts on interest fund of 1852. (A.R. state treasurer 1851/2: 18.)
1852/3-1857. Receipts and payments on interest fund of 1851. (*Same* 1852/3 (pp. 20-22)—*same* 1856/7.)
——. Same; fund of 1852. (*Same* 1852/3 (pp. 22-23)—*same* 1856/7.)
1855/6-1857. Interest fund of 1855, in acct. with state treasurer. (*Same* 1855/6 (pp. 12-13)—*same* 1856/7.)
1856/7. Same; 1856. (*Same* 1856/7: 16-17, 34-36.)
INTEREST TAX FUND; see TAXATION: STATE. REVENUE
LEGISLATIVE FUND; see above, EXPENDITURES. LEGISLATURE
LEPROSY FUND; see PUBLIC HEALTH. EXPENDITURES
LINE OFFICERS' FUND
1864/5-1869. Line officers' interest fund, receipts and payments. (Bienn. rept. state treasurer 1863/5 (p. 14)—*same* 1867/9.)
1865-1869. Stmt. of condition of line officers' interest fund. (A.R. state controller 1864/5 (pp. 82-83)—bienn. rept. *same* 1867/9.)
1865-1873. Same. (*Same* 1864/5 (pp. 82-83)—bienn. rept. *same* 1871/3.)
1865/7-1875. Line officers' fund, receipts and payments. (A.R. state treasurer 1865/7 (p. 20)—bienn. rept. *same* 1873/5.)
MARINE HOSPITAL FUND
1852/3. Stmt. of S. F. state marine hospital fund payments. (A.R. state treasurer 1852/3: 34.)
1854-1856. Stmt. of state marine hospital fund in acct. with state treasurer. (*Same* 1853/4 (pp. 18-19)—*same* 1855/6.)
1857-1861. See above, military fund; these dates.
MENDOCINO INSANE ASYLUM FUND; see MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS
MILITARY FUND; see MILITIA. EXPENDITURES
MILITARY RECRUITING FUND; see MILITIA. EXPENDITURES
MINING BUREAU FUND; see NATURAL RESOURCES
NAPA STATE HOSPITAL; see MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS
PACIFIC RAILROAD FUND; see RAILROADS: INDIVIDUAL

FINANCE: STATE—cont'd
Funds—cont'd
PIOUS FUND
The case of this fund was the first to be heard before the Hague Tribunal. The rept. with pleadings, exhibits, brief and a record of the proceedings was printed by the U. S. govt. in 1902.
1735-1851. Rept. on establishment and operation of pious fund, showing unwarranted control over same assumed by Mexican govt. and urging U. S. investigation re. same with view to its restoration to Cal. for carrying out its original object of religious education. (Legisl. jol. 1851: 730-733.)
1851. Rept. on the pious fund of Cal. (App. to Sen. jol. 2 sess. pp. 730-733 doc. FF.)
PUBLIC BUILDING FUND; see PUBLIC BUILDINGS AND GROUNDS: STATE
PUBLIC BUILDING LAND FUND; see LAND: STATE. PUBLIC BUILDING LANDS
RAILWAY TAX FUND; see TAXATION: STATE. REVENUE
REGISTRATION FUND
1858-1860. Registration fund. (A.R. state treasurer 1857/8 (pp. 30-31)—*same* 1859/60.)
REVOLVING JUTE FUND; see LABOR. CONVICT LABOR
ROCK-CRUSHING REVOLVING FUND; see LABOR. CONVICT LABOR
SACRAMENTO STATE HOSPITAL FUND; see MAINTENACE: STATE INDIVIDUAL INSTITUTIONS
SAN FRANCISCO DEPOT FUND; see RAILROADS. DEPOTS
SAVINGS BANK FUND; see BANKS. SAVINGS
SCHOOL FUND; see EDUCATION
SCHOOL LAND FUND; see LAND: STATE
SEMINARY LAND FUND; see LAND: STATE. SCHOOL LAND
SOLDIERS' BOUNTY INTEREST FUND; see MILITIA. EXPENDITURES
SOLDIERS' RELIEF FUND; see MILITIA. EXPENDITURES
SOUTHERN CALIFORNIA INSANE ASYLUM FUND; see MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS
STATE LIBRARY FUND; see LIBRARIES
STATE PRINTING FUND; see PUBLIC PRINTING. EXPENDITURES
STATE PRISON FUND; see MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS
STATE PROPERTY FUND; see LAND. MARSH AND TIDE
SUPREME COURT LIBRARY FUND; see LIBRARIES
TRUST FUNDS
1884/6-1894. Stmt. showing bonds held in trust by state treasurer. (Bienn. rept. state treasurer 1884/6 (p. 21)—*same* 1892/4.)
1896-1904. Stmt. showing bonds on hand, June 30, held in trust for other state funds, by state treasurer. (*Same* 1894/6 (p. 47)—*same* 1902/4.)
——. Stmt. showing amt. of interest recd. by state treasurer on bonds held in trust, and funds into which it was paid. (*Same* 1894/6 (pp. 48-49)—*same* 1902/4.)
SAULTRY FUND
1882/4. Bonds held in trust for relief of Jas. Saultry. (Bienn. rept. state treasurer 1882/4: 17.)
——. Receipts and payments on Jas. Saultry fund. (*Same* 1882/4: 14.)
1884-1904. Stmt. of condition of Jas. Saultry fund. (Bienn. rept. state controller 1882/4 (p. 87)—*same* 1902/4.)
1890. History of bonds purchased for relief of family of Jas. Saultry. (A.R. bd. examiners dated 1891: 6.)
1904. Comments on Saultry heir bonds. (*Same* dated 1905: 10.)
VETERANS' HOME OF CALIFORNIA FUND; see MAINTENACE: STATE INDIVIDUAL INSTITUTIONS
WAR LOAN FUND; see WAR EXPENDITURES

FINANCE: STATE—cont'd

Funds—cont'd

WHARF AND DOCK FUND; see WHARVES AND DOCKS

WHITTIER REFORM SCHOOL FUND; see MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS

YOSEMITE VALLEY FUND; see PARKS: STATE

Laws

1887. Laws in force governing the dept. of state, bd. of examiners, and bd. of capitol comrs. 58 pp.
Not seen; entry from Suppl. Cat. Law Dept. Cal. State Library, 1893.

Misappropriation of Public Funds

1851. Govs. mess. re. robbery and defrauding of state by q. m. gen. (Legisl. jol. 1851: 773.)

1856. Rept. of select jt. committee to ascertain what amt. of revenue was paid into state treasury during yr. re. frauds upon same. (Sen. jol. 8 sess. pp. 239-241; Assem. jol. pp. 309-311.)

1857. Rept. on whereabouts of certain moneys illegally paid out and abstracted from state treasury. (Assem. jol. 8 sess. pp. 804-807.)

——. Rept. of special committee apptd. to ascertain whereabouts of certain moneys illegally paid out and abstracted from state treasury. 6 pp. (App. to Assem. jol. 8 sess. doc. [17].)

——. Rept. of select committee apptd. to investigate matters pertaining to state treasury dept.; prefers charges agst. treasurer. 41 pp. (*Same* 8 sess. doc. 7.)

——. Rept. on defalcation in payment of interest falling due July 1, 1856, upon civil bonds of state loaned to Palmer, Cook & Co. by state treasurer. (Sen. jol. 8 sess. pp. 142-143.)

——. Articles of impeachment preferred by Assem. agst. H. Bates, treasurer of state for misdemeanor in office. (*Same* 8 sess. pp. 297-303; Assem. jol. pp. 324-330; 341-342.)

——. Testimony and corresp. re. frauds upon state revenue by treasurer. (Sen. jol. 8 sess. pp. 242-252.)

——. Answer of H. Bates, treasurer of state, to charges of misdemeanor in office. (*Same* 8 sess. pp. 408-410.)

——. [Adverse] rept. of special committee on "act for better protection of state treasury"; investigation into manner in which act has been obeyed. 14 pp. (App. to Assem. jol. 8 sess. doc. [18].)

——. Same; 2d rept. 12 pp. (*Same* 8 sess. doc. [15].)

——. Rept. on investigation of charges agst. controller of misdemeanor in office, etc. (Assem. jol. 8 sess. pp. 206-208.)

——. Controller's answer to charges which he deems unjust, agst. him for misdemeanor in office. (*Same* 8 sess. pp. 214-215.)

——. Articles of impeachment preferred by Assem. agst. G. W. Whitman, controller, for misdemeanor in office. (Sen. jol. 8 sess. pp. 340-346; Assem. jol. pp. 375-379.)

——. Answer of G. W. Whitman, comptroller, to articles of impeachment preferred agst. him. (Sen. jol. 8 sess. pp. 438-447.)

1860. Rept. of judiciary committee re. sureties on Pacific Express bond, Jan. 30, 1860; recommending release of sureties on bond of said co., fraudulently accepted by treasurer of state to conceal a deficit in his accts. 9 pp. (App. to Sen. jol. 11 sess. doc. [15].)

1864. Short acct. of suit brought agst. state controller Warren and his sureties for collection of amt. of defalcation in his accts. (A.R. atty. gen. 1865: 4.)

FINANCE: STATE—cont'd

Misappropriation of Public Funds—cont'd

1866. Rept. of special jt. committee on affairs pertaining to state controller's office acquitting him of charges of alleged fraud published by C. E. Williams, in S. F. Daily Examiner, in connection with foreign miners' licenses and tax, but suggesting that tax collectors have seriously defrauded state by collusion with Chinese; with testimony and statement of licenses issued for 1863/4. 5, 1 ll., 108 pp. (App. to jols. 16 sess. v. 2 doc. [10].)

1884. Comments on defalcations; also recommendation for ann. additional apprn. made for contingent expenses of controller's office, of $2500, together with traveling expenses of $500 per annum, and apprn. for postage, expressage, etc., be increased to $500 per yr. (Bienn. rept. state controller 1882/4: 28-29.)

1884-1890. Stmt. showing list of receipts of late treasurer, January, held by state treasurer, date of issue, to whom issued, amt. and date of redemption. (A.R. bd. examiners dated 1889 (p. 36)—*same* 1888/90.)

1885. Rept. on investigation of defalcations in office of late treasurer. (Sen. jol. 26 sess. pp. 397-398.)

——. Rept. of Sen. special committee to investigate alleged defalcation in office of state treasury under administration of W. A. January, in connection with embezzlement of either state or co. funds charging A. D. January with the crime; with testimony. 50 pp. (App. to jols. 26 sess. v. 6 doc. [3].)

1904. Defalcation at Southern California State Hospital; see Maintenance: State Individual Institutions.

Revenue

1849/50-1904. Receipts into state treasury, by cos., from various sources. (A.R. state comptroller 1849/50 (p. 520)—bienn. rept. *same* 1902/4.)
Paging from Public docs.

1850-1851. Treasurer's stmt. of amt. of revenue recd. into treasury, Dec. 15 to Mch. 19. (Legisl. jol. 1851: 724-725.)

1850-1857. Cumulative comparative table giving receipts into treasury for each of series of yrs., by cos. (A.R. state comptroller 1853/4 (pp. 10-11)—*same* 1856/7.)

1851/2-1852/3. Itemized stmt. of receipts into state treasury for yr. (A.R. state treasurer 1851/2 (pp. 4-5)—*same* 1852/3.)

1851/2-1861. Itemized stmt. of general fund receipts for yr. (*Same* 1851/2 (pp. 7-8)—*same* 1860/1.)

1852. Supplemental table of receipts into state treasury from July 1 to Dec. 29, 1852. (A.R. state comptroller 1851/2: 14.)

1852-1853. Comptroller's stmt. of receipts into treasury from July, 1852, to Feb. 26, 1853, in response to res. for information. 3 pp. (App. to Assem. jol. 1853 doc. 24.)

1854. Stmt. of amt. of revenue recd. in state treasury from various cos. from organization of state govt. to July 1, 1854. (A.R. state treasurer 1853/4: 26-27.)

1854-1856. Stmt. of receipts into treasury. (Sen. jol. 10 sess. pp. 152-154.)

1854-1862. Tabular stmts. of receipts into treasury from various sources and from cos. (A.R. state comptroller 1856/7 (foldg. tables)—*same* 1861/2.)

——. Supplemental stmts. of receipts into state treasury from July 1, 1854, to Dec. 20, 1854, inclusive. (*Same* 1853/4 (foldg. table)—*same* 1861/2.)

1854/5-1904. Tabular stmt. of receipts into state treasury for yr. (A.R. state treasurer 1853/4 (foldg. table)—bienn. rept. *same* 1902/4.)

FINANCE: STATE—cont'd

Revenue—cont'd

1858. Exhibit of revenue paid into state treasury by different cos., with expenses of collection, and per cent thereon for yr. endg. Dec. 31. (Assem. jol. 10 sess. pp. 52-53; Sen. jol. pp. 44-45.)

1863-1879. Recapitulation of receipts, by cos., from all sources of revenue. (A.R. state controller 1862/3 (p. 38)—bienn. rept. *same* 1877/9.)

1884/6-1902/4. Stmt. showing amt. paid into state treasury by co. treasurers during yr. (Bienn. rept. state treasurer 1884/6 (p. 8)—*same* 1902/4.)

BANK LICENSES; see BANKS

BLIND, INSTITUTION FOR; see MAINTENANCE: STATE

CONVICT LABOR; see LABOR

DEPOSITS

For Bank Deposits, see Banks: Receipts, etc. For Insurance co. Deposits, see Insurance: Revenue.

ESCHEATS; see LAND

FEDERAL GOVERNMENT

1853. Comments on claims of state on general govt. (A.R. state comptroller 1852/3: 46-48.)

1878-1886. Repts. to gov. on certain claims of state agst. U. S.; by J. Mullan, agt. and counsel for Cal. 580 pp. (App. to jols. 27 sess. v. 8.)

Sec. 332, Political Code, authorized contract with Mullan for collection of Cal. state claims agst. U. S. These claims comprise the 5 per cent claim, direct tax claims, Modoc war claims, Indian hostilities expenditures, civil war claims, claim for interest on Indian and civil war debt, and fees paid U. S. by Cal. on federal land grants.

Pages 1-52 are reprinted in the stmt. of 1889 re. these claims, pp. 14-61.

1889. Stmt. of J. Mullan, agt. and counsel of Cal. to special jt. committee, re. unpaid claims of state agst. U. S. in 4 pts. 75, 33, 38, 7 pp. (*Same* 28 sess. v. 8 unnum. doc.)

DIRECT TAX

1886. Stmt. of condition of direct tax accts. of several states and territories and D. C. under acts of Aug. 5, 1861, and June 7, 1862. Rept. of agt. and counsel of Cal. to gov. for claims agst. U. S. 1886: 159; 164; 209; 219. (App. to jols. 27 sess. v. 8; 580 pp.)

CALIFORNIA

1862/3-1867. Stmt. of condition of federal tax fund. (A.R. state controller 1861/2 (pp. 70-71)—bienn. rept. *same* 1865/7.)

1863. Majority and minority rept. of special committee apptd. to inquire into conduct of state controller and treasurer in connection with payment in legal tender notes of state's quota of federal direct tax. 22 pp. (App. to jols. 14 sess. unnum. doc.)

——. Rept. of testimony before special committee re. conduct of controller and treasurer in connection with payment in legal tender notes of state's quota of federal direct tax. 82 pp. (*Same* 14 sess. unnum. doc.)

——. Communication from gov. with corresp. re. payment of Cal's. quota of direct tax, apportioned by act of Congress, Aug. 5, 1861. 8 pp. (*Same* 14 sess. unnum. doc.)

1864/5-1867. Federal tax fund, receipts and payments. (Bienn. rept. state treasurer 1864/5 (p. 20)—*same* 1865/7.)

1884. Stmt. by U. S. register of aggregate amts. covered into treasury on acct. of direct tax to credit of several states and territories and D. C. Rept. of agt. and counsel for Cal. to gov. for claims agst. U. S., 1886:139. (App. to jols. 27 sess. v. 8; 580 pp.)

1886. Cal. direct tax claim; rept. of agt. and counsel for Cal. pp. 16-29; 121-280. (*Same* 27 sess. v. 8; 580 pp.)

The exhibits, pp. 121-280, contain texts of state and federal laws and resolutions, state and federal correspondence, tabular matter, etc.

FINANCE: STATE—cont'd

Revenue—cont'd

FEDERAL GOVERNMENT—cont'd

CALIFORNIA—cont'd

1886. Rept. of U. S. comn. on direct tax accts. Rept. of agt. and counsel of Cal. to gov. for claims agst. U. S. 1886: 250-276. (*Same* 27 sess. v. 8; 580 pp.)

1892. Opinion as to whether direct tax paid into state treasury under act of Congress, Mch. 2, 1891, should remain permanently in general fund or be refunded to persons who originally paid tax. (Rept. atty. gen. 1891/2: 10-11.)

FEES, COMMISSIONS, ETC.; see that title

FEES: INSURANCE; see INSURANCE. REVENUE

HARBOR DUES; see COMMERCE. WHARVES, ETC.

INSURANCE COMPANIES; see INSURANCE

LAND; see LAND: STATE

LICENSE, INSURANCE; see INSURANCE. REVENUE

LICENSES; see LICENSE

PASSENGER TAX; see POPULATION. RECEIPTS AND EXPENDITURES

RAILROADS; see that title

REVENUE STAMPS; see TAXATION. REVENUE

SAN FRANCISCO WATER LOTS; see LAND

SECRETARY OF STATE; see FEES, ETC.

See also Finance: State Expenditures. Secy. of State.

STATE INSTITUTIONS; see MAINTENANCE: STATE

STATE PROPERTY; see LAND. WATER FRONT PROPERTY

SWAMP LAND; see LAND: STATE

TAXATION; see TAXATION: STATE

Revenue and Expenditures

1849/50-1850/1. Stmts. of operations in aggregate of treasury. (A.R. state treasurer 1849/50 (pp. 553, 556)—*same* 1850/1.)

Paging from Collected docs.

1849/50-1856/7. Table showing ann. aggregate revenue, expenditures and ann. aggregate deficit 1st and 7th fiscal yrs. (p. 4 of Rept. of committee of ways and means on stamp act, etc. App. to Assem. jol. 8 sess. unnum. doc. [9].)

——. Same. (p. 501 Assem. jol. 8 sess. pp. 501-507.)

1849/50-1877. Recapitulation of receipts and expenditures. (A.R. state comptroller 1849/50 (pp. 522-523)—bienn. rept. *same* 1875/7.)

Paging from Collected docs.

1850. Suppl. rept. of comptroller showing receipts and expenditures, July 1 to Dec. 15. (Legisl. jol. 1851: 547-552; 1004-1010.)

1850-1853. Comptroller's stmt. of ann. and total receipts from and expenditures for cos., from organization of state govt. to May 1, 1853. 5 pp. (App. to Sen. jol. 1853 doc. 69.)

Page 5 is mistakenly printed as page 5 of doc. 71.

1850-1863. Comparative stmt. showing receipts and expenditures into state treasury. (A.R. state treasurer 1862/3: 59-72.)

1852. Suppl. rept. of operations of treasury, from July 1 to Dec. 29, 1852. (*Same* 1851/2: 21-23.)

1854/5. Comptroller's stmt. of receipts and expenditures of treasury from July 1 to Mch. 1. 7 pp. (App. to Assem. jol. 6 sess. doc. 17.)

1855-1856. Rept. of comptroller giving aggregate receipts into state treasury from July 1, 1855, to Jan. 20, 1856, incl., detailed stmt. of expenditures, and all controller's warrants issued during same period. etc. 22 pp. (App. to Sen. jol. 7 sess. doc. 9.)

——. Same. (Sen. jol. 1856: 255-272.)

——. Abstr. of receipts into, and expenditures out of state treasury, from July 1, 1855. (A.R. state treasurer 1854/5 (p. 30)—*same* 1855/6.)

1855-1857. Exhibit of actual expenditures of state govt., and receipts exclusive of interest on public debt. (Sen. jol. 9 sess. p. 41; Assem. jol. p. 58.)

FINANCE: STATE—cont'd

Revenue and Expenditures—cont'd

1857. Rept. of jt. committee on treasure in state treasury; stmt. of receipts and expenditures from Jan. 1, 1856, to Jan. 13, 1857, incl. 5 pp. (App. to Sen. jol. 8 sess. doc. [11].)

1857-1858. Recapitulation of receipts and expenditures. (A.R. state treasurer 1856/7 (pp. 36-37)—*same* 1857/8.)

1857/8-1861. Stmt. giving mo. receipts and expenditures. (*Same* 1857/8 (pp. 6-7)—*same* 1860/1.)

1862. Stmt. of receipts and payments. (*Same* 1861/2: 5-14.)

1882-1904. Summary showing principal sources of revenue, various funds to which receipts were apportioned, and total amt. of disbursements. (Bienn. rept. state controller 1880/2 (pp. 9-10)—*same* 1902/4.)

1894/6-1904. Comparative stmt. showing mo. receipts and payments. (Bienn. rept. state treasurer 1894/6 (p. 13)—*same* 1902/4.)

1902/4. Stmt. showing total cost and transfer receipts and balances, cash payments, transfer payments, and cash balances, July 1. (*Same* 1902/4: 26-27, 50-51.)

Secretary of State

1858. Secy's. estimate of apprn. needed for contingencies of his office, for state library and for bd. of examiners. (Sen. jol. 9 sess. p. 311.)

1860. Secy's. estimate of contingent expenses of his office for 11th fiscal yr. (Sen. jol. 10 sess. p. 213.)

1884. Rept. on accts. of D. M. Burns, ex-secy. of state. 132 pp.

1885. Rept. [favorable] of Sen. special committee apptd. to investigate books, etc., in office of secy. of state, Mch. 6. 116 pp. (App. to jols. 26 sess. v. 6 doc. [2].)

EXPENDITURES; see above, that title

REVENUE; see FEES, COMMISSIONS, ETC.

State Property

1853. Rept. [favorable] of committee re. "act to dispose of interest of state in certain property [with minority rept.], and to quiet the title thereto." 4, 2 pp. (App. to Assem. jol. 4 sess. docs. 37, 38.)

1854. Suggested that law concerning sales of state property be amended so as to require settlements to be made with comptroller, and proceeds arising from such sales paid into treasury upon his order. (A.R. state comptroller 1853/4: 34.)

1855. Minority rept. favoring treasurer's action in receiving comptroller's warrants in payment for property sold by state and in depositing state funds with various banking houses. (Assem. jol. 1855: 662-665.)

1895. Comments on inventory of state property. (A. R. bd. examiners dated 1897: 24-25.)

1899-1902. Comments on inventory of state property; returns from various officers in state having real or personal property in their possession or under their control. (*Same* dated 1901 (pp. 10-11)—*same* 1900/2.)

REVENUE FROM; see above, that title

Treasurer's Office

1850-1852. Rept. of committee apptd. to examine books and accts. of treasurer and comptroller, with stmts. of taxes and delinquencies, receipts in treasury, public debt, and expenses of legisl. for 3 fiscal yrs. endg. June 30, 1852. 13 pp. (App. to Sen. jol. 1853 doc. 6.)

1855. Rept. re. improper conduct on part of treasurer in receiving controller's warrants in payment for property sold by state and in making general deposits of public moneys with various banking houses. (Assem. jol. 1855: 609-612.)

1856. [Adverse] rept. of jt. committee apptd. to examine books and papers of late state treasurer, S. A. McMeans. 32 pp. (App. to Sen. jol. 7 sess. doc. [17].)

——. Same. (App. to Assem. jol. 7 sess. doc. [14].)

——. Same. (Sen. jol. 7 sess. 1856: 674-695.)

1857. Stmt. of expenditures from contingent fund of state treasurer from Feb. 20 to June 30. (*Same* 9 sess. pp. 75-77.)

——. Rept. on condition of accts. and books of late treasurer to Feb. 11. (Assem. jol. 8 sess. pp. 471-475.)

——. Rept. on examination of treasurer's office disclosing gross neglect and misconduct in business of office. (*Same* 8 sess. pp. 627-632.)

——. Testimony concerning whereabouts of money paid by late treasurer to E. A. Rowe. (*Same* 8 sess. pp. 681-682.)

——. Rept. on imperfect and careless manner in which books and papers of treasurer's office have been kept and recommendations that new set be written up. (*Same* 8 sess. p. 773.)

——. Communication from sureties of state treasurer giving conditions of obligations. (Sen. jol. 8 sess. pp. 164-166.)

——. Rept. of results of investigation of accts. of late treasurer. 9 pp. (App. to Assem. jol. 8 sess. doc. [13].)

——. Rept. stating results of examination of treasurer's office, and amts. of deficiencies, etc. 8 pp. (App. to Sen. jol. 8 sess. doc. [12].)

——. Govs. mess. recommending that efficient night-watch be provided for state treasury. (Sen. jol. 9 sess. pp. 115-116.)

1859. Rept. on condition of late treasurer's books. (*Same* 10 sess. pp. 465-476.)

——. Communication from atty. gen. on examination and settlement of accts. of S. A. McMeans, late state treasurer. (*Same* 10 sess. pp. 147-154.)

1862. Stmt. of repairs for state treasurer's office. (A. R. state treasurer 1861/2: 16.)

EXPENDITURES; see above, that title

MISAPPROPRIATIONS, ETC.; see above, MISAPPROPRIATION

FINES

Illegal Fishing; see Fish and Game. Violations, etc.

FIRE DEPARTMENTS

1856. Veto of act to regulate fire dept. of Sacramento. (Sen. jol. 1856: 713.)

FIRE INSURANCE; see INSURANCE

FIRES

1894. Investigation of causes of fires. (26 A.R. insurance comr. 1894: 5.)

BALTIMORE

1904. Comments on Baltimore and other conflagrations. (36 A.R. insurance comr. 1903: 14-15.)

Forest Fires; see Natural Resources

Prairie Fires

1850. Enactment urged by committee on agric. for prevention of prairie fires, as being of frequent occurrence. (Legisl. jol. 1849/50: 655.)

FISCAL YEAR; see FINANCE: STATE

FISH AND GAME

serial

REPORTS

Under Act of Apr. 2, 1870

1870/1-1902/4. Bienn. rept. comrs. of fisheries, 1-18.

In Collected docs. as follows:

1.	1870/1	in App. to jols.			19 sess.	v. 2	unnum.	doc.	
2.	1872/3	"	"	"	20	"	v. 5	[doc. 16].	
3.	1874/5	"	"	"	21	"	v. 1	unnum.	doc.
4.	1875/7	"	"	"	22	"	v. 3	"	"
5.	1877/9	"	"	"	23	"	v. 1	"	"
6.	1880	"	"	"	24	"	v. 2	"	"
7.	1881/2	"	"	"	25	"	v. 4	"	"
unnum.	1883/4	"	"	"	26	"	v. 5	"	"
9.	1885/6	"	"	"	27	"	v. 1	"	"
unnum.	1886/8	"	"	"	28	"	v. 2	"	"
"	1888/90	"	"	"	29	"	v. 2	"	"
"	1891/2	"	"	"	30	"	v. 7	"	"
13.	1893/4	"	"	"	31	"	v. 4	"	"
14.	1894/6	"	"	"	32	"	v. 2	doc.	[6].
15.	1896/8	"	"	"	33	"	v. 2	"	[3].
16.	1898/00	"	"	"	34	"	v. 2	"	[2].
17.	1900/2	"	"	"	35	"	v. 2	"	[3].

BULLETINS

1891-1892. Bulls. issued by fish comn., 1-6.

Checklist

1891

no. 1. Classification of certain fish found in Eel River, in salt water, during mo. of Sept. Oct. 12.
no. 2. Classification of trout found in Webber Lake. Oct. 12.
no. 3. Classification of trout found in Klamath River. Oct. 24.

1892

no. 4. Salmon and trout of the Pacific Coast by D. S. Jordan. Feb. 15.
no. 5. Enforcement of game ordinance of city and co. of San Francisco. March 15.
no. 6. Classification of trout caught in Mt. Whitney Creek. July 12.

None of the above were seen by the compiler as separate bulletins. They are all reprinted in Bienn. rept. of bd. of fish comrs. for 1891/2: 43-60.

non-serial

1850-1880. History of fish culture; dates of apptmt. of various fish comns. in this country and Europe and apprns. (8 rept. comrs. of fisheries 1883/4: 21-23.)

1857. Rept. recommending passage of act amendatory of and suppl. to act for protection of game, passed May 14, 1854. (Assem. jol. 8 sess. pp. 704-707.)

1858. Veto of act to suppress gaming. (Sen. jol. 9 sess. pp. 618-619.)

1871. Recommended that standing committee be apptd. in both houses of legisl. on coast and inland fisheries. (1 bienn. rept. comrs. of fisheries 1870/1: 10.)

——. Plan for importation of new varieties of fish. (1 *same* 1870/1: 14-15.)

1871-1880. Rept. on fish ways. (1 *same* 1870/1 (pp. 6-8)—A.R. *same* 1880.)

No returns in 1882/3 and 1876/7.

1871-1900. Cumulative historical table giving stmt. of fish planted by bd. of fish comrs. since its organization. (13 *same* 1892/4 (p. 75)—16 *same* 1898/00.)

1873. Suggestions for full and comprehensive law re. all kinds of fishing; public interest demands such a law during present sess. (2 *same* 1872/3: 21-22.)

——. Work done during past season in restocking streams with native fish. (2 *same* 1872/3: 18-19.)

——. Aid asked of legisl. to carry out work begun by comrs.; fish comrs. receive no salary. (2 *same* 1872/3: 23.)

——. Rept. of Mr. Stone on his expedition East to secure supply of food fish to stock streams of Cal.; the first lot destroyed by a wreck; in a second attempt he reached Sacramento with a shipment of shad under auspices of U. S. fish comn. (2 *same* 1872/3: 6-15.)

——. Apprn. asked for to allow comrs. to employ proper persons to look after violations of fish laws and see to their enforcement. (2 *same* 1872/3: 21.)

FISH AND GAME—cont'd

non-serial—cont'd

1874. On successful experiment in importation of new varieties of fish from East. (3 *same* 1874/5: 5-7.)

——. Rept. of special committee on fish and game on jt. res. of legisl. of Nev. re. protection of fish in Truckee River. 4 pp. (App. to jols. 20 sess. v. 6 [doc. 17].)

——. Rept. of Mr. Stone on expedition of second Cal. aquarium car to East for supply of food fish for artificial propagation; list of fishes which arrived and waters into which introduced. (3 bienn. rept. comrs. of fisheries 1874/5: 22-32.)

1875. For preservation of fish in state; apptmt. of standing committee by legisl. on subject of fish and fisheries advised; legislation advised to regulate shrimp fishing by Chinese and to prevent Indians from taking fish except in manner to which they were accustomed before advent of white men. (3 *same* 1874/5: 13-14.)

——. In Canada, by provision of law, each saw-mill is required to have furnace attached for consuming sawdust; similar law recommended for Cal. as means of fish protection. (3 *same* 1874/5: 14-15.)

——. Experiments in transportation of salt-water fish. (3 *same* 1874/5: 15.)

1876. Rept. of Sen. committee on Sen. bills re. fisheries. 8 pp. (App. to jols. 21 sess. v. 5 unnum. doc.)

1877-1884. Rept. on experiment of transplanting varieties of fish from Atlantic States—black bass, eels, lobsters, etc. (4 bienn. rept. comrs. of fisheries 1876/7 (p. 25)—*same* 1883/4.)

No returns in 1881/2.

1878. Petitions of persons engaged in salmon fishing to legisl. of state of Cal. 4 pp. (App. to jols. 22 sess. v. 4 [doc. 29].)

For close season.

——. Petition of citizens of Siskiyou Co. re. game laws of Cal. 4 pp. (*Same* 22 sess. v. 4 [doc. 26].)

1879. Increasing public interest in fish culture; destruction of fish during seasons of reproduction, in defiance of law, once considered only a venial legal offense, now thought a serious crime. (5 bienn. rept. comrs. of fisheries 1878/9: [3].)

1880. Rept. upon edible fish of Pacific coast, U. S. A.; by W. N. Lockington. (6 *same* 1880: 16-66.)

1880-1884. Distribution of fish each yr. (7 *same* 1881/2 (pp. 17-19)—*same* 1883/4.)

1880-1894. Location and value of fisheries of Cal. and growth since 1880. (13 *same* 1892/4: 84-91.)

——. Value of Cal. fisheries and increase since 1880. (13 *same* 1892/4: 10-14.)

1883-1884. Bienn. rept. of deputy fish comr. on violations of law. (*Same* 1883/4: 18-20.)

1884. Principal varieties of salt water fish used in markets of state; in opinion of comrs. catch of all kinds of fish will decrease to considerable extent in next 5 yrs. if Chinese are allowed to fish with bag-nets for purpose of taking shrimp. (*Same* 1883/4: 10-11.)

——. Waters have been diverted from original water courses across Big Meadows in Plumas Co.—one of the finest spawning grounds in state—by the Watt Cut, which at certain times of yr., leaves insufficient water for fish to ascend over natural falls in river, causing just complaint. (*Same* 1883/4: 16.)

——. Comment on supply of various food fish to markets of state. (9 *same* 1885/6: 5-9.)

1886. Chinese spoliations. (9 *same* 1885/6: 12.)

——. Nets and seines used during yr. (9 *same* 1885/6: 11-12.)

——. Public sentiment in favor of maintaining fish laws. (9 *same* 1885/6: 13.)

——. Apprn. of $10,000 asked for. (9 *same* 1885/6: 16.)

FISH AND GAME—cont'd

non-serial—cont'd

1886. Review of supply of fish in various streams of state. (9 *same* 1885/6: 20-21.)
1886-1890. Dams and fish ladders. (9 *same* 1885/6 (p. 15)—*same* 1888/90.)
1887-1890. Condition of fishing interests in general. (*Same* 1886/8 (p. 4)—*same* 1888/90.)
1888-1896. Distribution of fish by Cal. state fish comn. (*Same* 1888/90 (pp. 45-49)—14 *same* 1894/6.)
1889-1892. Comparative table showing total products of Cal. fisheries and value of same. (14 *same* 1894/6: 7.)
1890. Suggestion for apprn. to meet claims that will arise during fiscal yrs. chargeable to apprn. under law for preservation of fish. (A.R. bd. examiners dated 1891: 29.)
——. Passage of law recommended similar to that of Wyoming requiring wire screens for irrigation ditches. (Bienn. rept. comrs. of fisheries 1888/90: 5-6.)
——. The food fishes of Cal. fresh waters; by Dr. C. H. Eigenmann. (*Same* 1888/90: 53-65.)
1892. Recommended changes in game and fish laws re. having in possession fish or game at unlawful season, cold storage system, close season for salmon, wire screens over ditches, protection of game birds, right of fish comrs. to take game for propagation at any time, increased apprn., and tax on canned salmon. (*Same* 1891/2: 14-16.)
——. Recommended that deep-sea fishing be investigated and apprn. be made to assist work of U. S. comn. in this dept. (*Same* 1891/2: 16.)
1892-1893. Statistics re. fisheries of U. S., by states, showing value of products, land and water areas, amt. of state apprns., and amt. appropriated per square mile of land and water areas—value of products given for 1892 and apprns. for 1893. (13 *same* 1892/4: 109-110.)
1892-1894. Opinion re. fishing in state waters; passage of law advised forbidding foreigners use of state waters for fishing purposes. (Rept. atty. gen. 1891/2 (pp. 17-18)—*same* 1893/4.)
1893. Cal. fish at World's Fair. (13 bienn. rept. bd. fish comrs. 1892/4: 28-29.)
1894. Favorable comment on work of deputies and subordinates individually. (13 *same* 1892/4: 15-17.)
——. Comment on distribution of fish. (13 *same* 1892/4: 27-28.)
——. Folsom fish ladder, a difficult engineering feat. (13 *same* 1892/4: 30.)
——. State sportsmen's clubs render valuable assistance to fish comrs. (13 *same* 1892/4: 31.)
——. Extracts from rept. of atty. for bd. of fish comrs. (13 *same* 1892/4: 37-42.)
1895. Comment on growth of commercial fisheries in state. (14 *same* 1894/6: 6-7.)
1895-1896. Daily record of spawn taking. (14 *same* 1894/6: 74-88.)
——. Importations of fish. (14 *same* 1894/6: 30-32.)
1895-1898. Rept. on screens at heads of irrigation ditches. (14 *same* 1894/6 (pp. 19-20)—15 *same* 1896/8.)
1895-1904. Rept. on enforcement of fish and game laws. (14 *same* 1894/6 (pp. 16-17)—18 *same* 1902/4.)
——. Rept. on fish ladders. (14 *same* 1894/6 (pp. 17-19)—18 *same* 1902/4.)
1896. Comment on fry planting. (14 *same* 1894/6: 29.)
——. Consideration of best methods for game preservation; suggestion that another comn. for enforcement of game and game fish laws be established and that bd. of fish comrs. have in charge only propagation of fish and supervision of commercial fisheries. (14 *same* 1894/6: 33-39.)

FISH AND GAME—cont'd

non-serial—cont'd

1896. Rept. on results of game laws. (14 *same* 1894/6: 20-21.)
1896-1900. Work of U. S. fish comn. in Cal. (15 *same* 1896/8 (p. 8)—16 *same* 1898/00.)
1898. The use of drag nets. (15 *same* 1896/8: 12.)
——. Request that legisl. empower bd. of fish comrs to employ atty. for minor coast cases—expenses being drawn from regular apprn. (15 *same* 1896/8: 17.)
——. Changes in fish and game laws recommended re. catching of steelhead trout, striped bass, lobsters, and shrimps; killing of pheasants, protection of snipes, and use of nets or traps in capture of birds. (15 *same* 1896/8 (p. 44)—16 *same* 1898/00.)
——. Recommendation that game dealers be required to take out license and to keep record of game recd. (15 *same* 1896/8: 13.)
1899(?). Notes on planting of salmon and trout fry; by N. B. Schofield. 23 pp., 2 pls. (Fish comn.)
1900. Cal. fish at Paris Exposition. (16 bienn. rept. bd. fish comrs. 1898/00: 6.)
——. Formation of clubs and assns. for enforcement of game laws has become general. (16 *same* 1898/00: 9.)
——. Favorable comment on Lacey Act passed by Congress May 25, prohibiting interstate traffic in game killed in violation of state law. (16 *same* 1898/00: 41.)
——. State game convention. (16 *same* 1898/00: 42-43.)
1900-1904. Increased apprn. asked for. (16 *same* 1898/00 (pp. 43-44)—18 *same* 1902/4.)
1901-1904. Litigation arising from enforcement of game laws and decisions of Supreme Court relating thereto. (17 *same* 1900/2 (pp. 57-67)—18 *same* 1902/4.)
1902. Deficiency claims; recommendations as to payment of claims in fish cases. (17 *same* 1900/2: 10-12.)
——. Favorable comment on law re. disposition of illegally-used fishing gear, passed in 1901; also re. sale of trout, and permits for trapping and transporting game. (17 *same* 1900/2: 41-43.)
——. Recommended amdmts. to laws re. fish-ways, cost of trials for violation of fish laws, striped bass, crabs, screens for ditches, steelhead trout, explosives. (17 *same* 1900/2: 46.)
——. The equity of the state game laws; by a "convert." (17 *same* 1900/2: 58-63.)
——. Paper on destruction of beneficial birds in Cal. (8 bienn. rept. bd. hortic. 1901/2: 365-369.)
1904. Passage of bill to protect all song and insectiverous birds urgently recommended. (18 bienn. rept. bd. fish comrs. 1902/4: 64.)
——. Favorable comment on operations of law re. permits for live game. (18 *same* 1902/4: 65-66.)
——. Favorable comment on operations of law passed in 1903 re. payment of claims in fish cases. (18 *same* 1902/4: 13-14.)
——. Fish and game protective assns. in state. (*Same* 1902/4: 67-68.)

LAKE CUYAMACA

1891-1896. Rept. on result of planting of fish by U. S. comn. in Lake Cuyamaca. (14 bienn. rept. bd. fish comrs. 1894/6: 29-30.)

LAKE MERCED

See below, Muscallonge.

LAKE TULARE

1871. See San Francisco Bay, below; this date.
1895-1896. Rept. on fishing in Lake Tulare. (14 bienn. rept. bd. fish comrs. 1894/6: 13.)

FISH AND GAME—cont'd

MONTEREY BAY

See also below, Lobster.

1896. Rept. on Monterey Bay fisheries and those of Southern Cal. (14 bienn. rept. bd. fish comrs. 1894/6: 15-16.)

SAN FRANCISCO BAY

See also below, Lobster, Oyster.

1871. Extracts from rept. of two assistants employed by fish comrs. to rept. on fisheries of S. F. Bay and some of the rivers discharging waters directly into Pacific; also of Lake Tulare and Truckee River and tributaries. (1 bienn. rept. comrs. of fisheries 1870/1: 15-23.)

1879. Rept. on food fishes of S. F.; by N. M. Lockington. (5 *same* 1878/9: 17-58.)

YOSEMITE VALLEY

1894. Stocking streams of Yosemite Valley. (13 bienn. rept. bd. fish comrs. 1892/4: 26-27.)

Abalone

1902-1904. Abalone fishing. (17 bienn. rept. bd. fish comrs. 1900/2 (pp. 23-24)—18 *same* 1902/4.)

Awa

1877. Introduction of awa (chanos cyrinella) and mullet into state from Hawaiian Islands. (4 bienn. rept. comrs. of fisheries 1876/7: 25.)

Bass

1882. Rept. of J. G. Woodbury, supt. state fishery, on successful introduction of striped bass into state. (7 rept. comrs. of fisheries 1881/2: 5-7.)

1884. Rept. on success of transplanting striped bass in Cal. waters. (*Same* 1883/4: 10.)

1895. On distribution of small-mouth black bass. (14 *same* 1894/6: 30.)

1897-1904. Black bass work. (15 *same* 1896/8 (pp. 42-43)—18 *same* 1902/4.)

1902-1904. Striped bass from a commercial standpoint; recommended legislation re. same. (17 *same* 1900/2 (pp. 16-17)—18 *same* 1902/4.)

Recommended legislation passed in 1903.

MARKET; see MARKETS, below

Carp

1875. On adaptability of carp to waters of state. (3 bienn. rept. comrs. of fisheries 1874/5: 12.)

1877-1886. Introduction of Japanese and German carp into state. (4 *same* 1876/7 (p. 24)—9 *same* 1885/6.)

1902-1904. Value of carp. (17 *same* 1900/2 (p. 30)—18 *same* 1902/4.)

MARKET; see MARKETS, below

Catfish

1877-1886. Catfish imported and placed in lakes near Sacramento have increased to vast extent; rept. of further distribution of same. (4 bienn. rept. comrs. of fisheries 1876/7 (p. 24)—9 *same* 1885/6.)

Not found in rept. 1881/2.

1902-1904. On supply of catfish. (17 *same* 1900/2 (p. 29)—18 *same* 1902/4.)

MARKET; see MARKETS, below

Crab

1896. Transplanting of crabs and clams off coast of Los Angeles Co. from waters off S. F. (13 bienn. rept. bd. fish comrs. 1892/4: 33.)

1896-1902. Rept. on crab fishery. (14 *same* 1894/6 (p. 14)—17 *same* 1900/2.)

No returns in 1898/00.

Crayfish

1892. Fresh water crayfish almost exterminated; suggestion that law be passed making it misdemeanor for period of 3 yrs. to catch same. (Bienn. rept. bd. fish comrs. 1891/2: 10.)

FISH AND GAME—cont'd

Dace

1884. The dace, a native of Cal. rivers and lakes, nearly extinct; cause unknown; mullet getting scarce. (Bienn. rept. comrs. of fisheries 1883/4: 7-8.)

Deer

1890. Recommended that killing of deer be absolutely prohibited for next 2 yrs. (Bienn. rept. bd. fish comrs. 1888/90: 6.)

1894. The Simon Maier deer case in state Supreme Court. (13 *same* 1892/4: 111-124.)

Game Birds

1903-1904. Importation of game birds. (Bienn. rept. bd. fish comrs. 1902/4: 66-67.)

MARKETS; see below, that title

Grayling

1904. Introduction of the grayling. (18 bienn. rept. bd. fish comrs. 1902/4: 47-48.)

Hatcheries

1875-1880. Rept. of distribution of trout from state hatching house. (3 bienn. rept. comrs. of fisheries 1874/5 (pp. 7-8)—6 *same* 1880.)

1877. Apprn. asked for to erect larger state hatching house at more suitable location than Berkeley. (4 *same* 1876/7: 26.)

1883. Shebley hatchery established. (8 *same* 1883/4: 14.)

1884. Review of supply of fish in principal rivers of state; appeal to legisl. for apprn. for two hatcheries, one for purpose of hatching trout and the other for breeding salmon on headwaters of Sacramento; U. S. salmon hatchery on St. Cloud River abandoned. (*Same* 1883/4: 14-17.)

1888-1890. Bienn. rept. of supt. of hatcheries. (*Same* 1888/90: 15-45.)

1890. The Shebley and Hat Creek hatcheries abandoned; Sisson hatchery a success; new hatchery established at Lake Tahoe; U. S. fish comn. furnished all eyed salmon eggs possible to be handled. (*Same* 1888/90: 4.)

1891. Expenses incurred in construction of Bear Valley hatchery and dam at Bear Valley, Marin Co. (*Same* 1891/2: 41.)

1891-1892. Extracts from repts. of deputies on patrol and hatchery depts. (*Same* 1891/2 (pp. 17-30)—13 *same* 1892/4.)

——. Rept. on work of hatchery dept. (*Same* 1891/2 (pp. 11-13)—13 *same* 1892/4.)

1892. Separate hatchery for Yosemite Valley and surrounding territory recommended. (*Same* 1891/2: 13.)

——. Tables giving mo. mean and extremes of temperature of water for Bear Valley and Sisson hatcheries. (*Same* 1891/2: 35.)

1893-1894. Work of Bear Valley hatchery. (*Same* 1892/4: 25-26.)

1894-1904. Work of Tahoe hatcheries. (13 *same* 1892/4 (p. 26)—18 *same* 1902/4.)

1895-1898. Rept. on Battle Creek hatchery. (13 *same* 1892/4 (pp. 23-25)—15 *same* 1896/8.)

1895-1904. Work of Sisson hatchery. (14 *same* 1894/6 (pp. 25-26)—18 *same* 1902/4.)

——. Operations of Wawona hatchery, Mariposa Co. (14 *same* 1894/6 (p. 28)—18 *same* 1902/4.)

1897-1898. Operations of Ukiah hatchery. (15 *same* 1896/8: 40.)

1898-1900. Operations at Sims station. (15 *same* 1896/8 (p. 41)—16 *same* 1898/00.)

1898-1904. Operations of Eel River hatchery, and tellhead propagation. (16 *same* 1898/00 (pp. 21-22)—18 *same* 1902/4.)

FISH AND GAME—cont'd

Hatcheries—cont'd

1899-1900. Operations of spawn station on Truckee River. (16 *same* 1898/00: 25-26.)

1901-1902. Operations at Cottonwood Creek station. (17 *same* 1900/2: 35.)

1901-1904. Operations at Verdi station. (17 *same* 1900/2 (pp. 38-40)—18 *same* 1902/4.)

SALMON

1885. Establishment of state salmon hatchery on Hat Creek. (9 rept. comrs. of fisheries 1885/6: 14-15.)

1887. Location of state salmon hatchery on Hat Creek found to be unsuitable; temporary hatchery established at Sisson. (Bienn. rept. *same* 1886/8: 5-6.)

1888/9. Distribution of salmon from U. S. fish comn. from McCloud River hatchery. (*Same* 1888/90: 50.)

WHITEFISH

1872. Establishment of whitefish hatchery at Clear Lake. (2 bienn. rept. comrs. fisheries 1872/3: 16-17.)

1875. Donation of whitefish from U. S. govt. placed in Tulare Lake; establishment of hatchery at Berkeley. (3 *same* 1874/5: 7.)

Inspection

1900. Work of inspection of shipments of fish and disposition of seized fish and game. (16 bienn. rept. bd. fish comrs. 1898/00: 8.)

Lark

1900. Res. adopted re. protection of the meadow lark. (7 bienn. rept. bd. hortic. 1899/00: 196.)

Laws

1885-1903. Fish and game laws of Cal.

Checklist

unnum. 1885. ed. 1 (?). Compiled by S. P. Maslin. 77 pp. 24°.
ed. 2-3. Not found.
ed. 4. 1889. Compiled by S. P. Maslin. 86 pp.
ed. 5. 1891. Compiled by S. P. Maslin. 84 pp.
ed. 6. 1893. Compiled by F. P. Deering. 142 pp.
ed. 7. 1895. Compiled by A. G. Fletcher. 55 pp.
ed. 8. 1897. Compiled by A. G. Fletcher. 55 pp.
ed. 9. 1899. 32 pp.
ed. 10. 1901. Compiled by J. P. Babcock. 48 pp.
ed. 11. 1903. Compiled by C. A. Vogelsang. 48 pp.

Licenses

1887-1896. Receipts from fishermen's licenses under law of Mch. 21, 1887. (Bienn. rept. bd. fish comrs. 1886/8 (p. 6)—14 *same* 1894/6.)

1892. Collection of licenses. (*Same* 1891/2: 7-8.)

Lobster

1875. Introduction of lobsters into Bay of S. F. (3 bienn. rept. comrs. of fisheries 1874/5: 12-13.)

1892. No definite and reliable information recd. that lobsters placed in Monterey Bay in 1888 have thrived. (*Same* 1891/2: 10.)

1896-1904. Rept. on spiney lobster fishery in state. (14 *same* 1894/6 (p. 14)—18 *same* 1902/4.)

MARKET; see MARKETS, below

Markets

1895/6. Table showing receipts of game birds in S. F. and Los Angeles markets, and cos. from which shipped distinguishing protected and unprotected; also receipts each mo. of season, and value of each variety for season. (14 bienn. rept. bd. fish comrs. 1894/6: 40-42.)

——. Tables showing receipts of game birds in S. F. and Los Angeles and cos. from which same were shipped by cos., distinguishing protected and unprotected. (14 *same* 1894/6: 89-98.)

1898. Conditions prevailing in our fishery markets. (15 *same* 1896/8: 11-12.)

LOS ANGELES

1895-1898. Comparative table showing mo. receipt of lobsters in Los Angeles market for series of yrs. (15 bienn. rept. bd. fish comrs. 1896/8: 28.)

FISH AND GAME—cont'd

Markets—cont'd

SAN FRANCISCO

1880-1882. Stmt., by mos., showing amt. of fresh salmon recd. at S. F. and Sacramento from Sept. 1, 1880, to Aug. 1, 1882; amt. of fresh sturgeon, and misc. receipts of fish at S. F. co. for same time. (7 rept. comrs. of fisheries 1881/2: 15-17.)

1884/5-1885/6. Stmt. of amt. of salt fish recd. by wholesale dealers in S. F., also tabulated stmt., by mos., of amt. of each species recd. by wholesale fish dealers, Cal. st. market; estimated for other portions of state. (9 *same* 1885/6: 9-11.)

1892-1900. Cumulative comparative table giving value of exports of fishery products from S. F. for series of yrs. (14 *same* 1894/6 (p. 16)—16 *same* 1898/00.)

1893-1894. Stmt. showing, by mos., no. of lbs. of salmon, striped bass, shad, carp, and catfish handled by six largest dealers of S. F. market. (13 *same* 1892/4: 14.)

1893-1898. Cumulative comparative table giving no. of lbs. of carp and catfish recd. each mo. in S. F. market for series of yrs. (14 *same* 1894/6 (p. 12)—15 *same* 1896/8.)

——. Same; showing, by mos., no. of lbs. of shad recd. in S. F. market for series of yrs.; and comments. (13 *same* 1892/4 (p. 11)—15 *same* 1896/8.)

——. Same; giving no. of lbs. of striped bass recd. in S. F. markets each mo. for series of yrs.; with comments. (13 *same* 1892/4 (p. 12)—15 *same* 1896/8.)

——. Same; giving salmon recd. in S. F. market each mo. for series of yrs. (13 *same* 1892/4 (p. 8)—15 *same* 1896/8.)

1896. Rept. on S. F. market. (14 *same* 1894/6: 15.)

INSPECTION; see above, that title

Muscallonge

1894. Of the 100,000 muscallonge fry donated by N. Y. bd. of fish comrs. and placed in Lake Merced in 1893 none are found to be alive. (13 bienn. rept. bd. fish comrs. 1892/4: 29-30.)

Oyster

1870-1891. Rept. of observations re. oyster resources, and oyster fishery of Pacific coast of U. S.; by C. H. Townsend. (13 bienn. rept. bd. fish comrs. 1892/4: 92-100.)

1900. Oysters in S. F. Bay. (17 *same* 1900/2: 25-26.)

Patrol

See also below, Wardens.

1884. Recommended apprn. of $3000 to enable fish comrs. to purchase swift steam launch for use in patrol; also suggestion that boat license law be enacted. (8 rept. comrs. of fisheries 1883/4: 23-24.)

1885. Steam launch completed and put into patrol service. (9 *same* 1885/6: 14.)

1885-1888. Patrol and protection. (9 *same* 1885/6 (p. 13)—*same* 1886/8.)

1888. Steam launch found to be useless for purpose of patrol; disposal of same recommended. (Bienn. rept. *same* 1886/8: 5.)

1890. Steam launch constructed at cost of $4000 disposed of for sum of $1100. (*Same* 1888/90: 3-4.)

——. Sec. 38, act of Mch. 16, 1889, amending co. govt. act should be repealed; apprn. of $10,000 recommended for patrol purposes. (*Same* 1888/90: 5.)

1892. Comment on work of patrol dept. (*Same* 1891/2 (pp. 6-7)—13 *same* 1892/4.)

1897-1904. The launch "Quinnat." (15 *same* 1896/8 (pp. 8-9)—13 *same* 1902/4.)

1900. Force of patrolmen increased by offering rewards of arrests. (16 *same* 1898/00: 8-9.)

Perch

1884. Cause of scarcity of perch; remedial legislation—same applies to chub and pike. (Bienn. rept. comrs. of fisheries 1883/4: 6-7.)

FISH AND GAME—cont'd

Pheasants

1894-1902. Introduction of Mongolian pheasants. (13 bienn. rept. bd. fish comrs. 1892/4 (p. 29)—17 *same* 1900/2.)

Pollution of Rivers; see Water Supply

Quail

1904. Recommended amdmts. to laws re. swans or imported quail, bag limit on ducks and doves, deer, tree squirrels, and fines, and prohibitory use of poisons in killing certain animals and birds. (18 bienn. rept. bd. fish comrs. 1902/4: 68-69.)

Receipts and Expenditures

1894. Comparative apprns. to fish comns. by various states. (13 bienn. rept. bd. fish comrs. 1892/4: 5-10.)

CALIFORNIA

1870-1873. Recapitulation of apprns. and expenditures since establishment of dept. (2 bienn. rept. comrs. of fisheries 1872/3: 26.)

1880-1894. Cost of fish comn.; expenditures from apprns. made by state and cost of prtg. (A.R. bd. examiners dated 1895: 69.)

1883-1884. Bienn. rept. of treasurer. (Bienn. rept. comrs. of fisheries 1883/4: 23-27.)

1886-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for fish comrs. (Bienn. rept. state controller 1884/6 (p. 55)—*same* 1902/4.)

1888-1890. Expenditure of $2000 apprn. for purchase and importation of game birds. (16 bienn. rept. bd. fish comrs. 1888/90: 5.)

1888-1904. Stmt. of condition of fish comrs'. fund. (Bienn. rept. state controller 1886/8 (p. 88)—*same* 1902/4.)

1890-1898. Stmt. of condition of fish comrs'. fund, purchase of boats. (*Same* 1888/90 (p. 93)—*same* 1896/8.)

1902-1904. Stmt. of condition of game preservation fund. (*Same* 1900/2 (p. 105)—*same* 1902/4.)

LICENSES; see above, that title

Salmon

1849-1876. History and habits of salmon (salmo-quinnat) in Cal. from observations since discovery of gold mines; no remedy for evils of destruction of fish by mining other than by artificial means to increase supply in waters that are still resorted to; distributions made by comrs. (4 bienn. rept. comrs. of fisheries 1876/7: 5-11.)

1871. On habits of salmon and importance of state legislation for their protection. (1 *same* 1870/1: 8-10.)

1874-1882. Table showing relative catch of salmon in Sacramento and San Joaquin Rivers and transported to S. F., Sacramento, and Stockton for yrs. during which statistics have been obtained. (5 *same* 1878/9 (p. 4)—7 *same* 1881/2.)

1874/5-1879/80. Statistics from Central Pacific R.R. Co. of salmon shipped over their lines from various points on Sacramento and San Joaquin Rivers; also estimate of total catch. (3 *same* 1874/5 (pp. 11-12)—A.R. *same* 1880.)

After 1877 shipments by rail and steamer given.

1875. Rept. of Mr. L. Stone on salmon of the Sacramento, and of increase of wealth that may be derived from this source; also on operations in salmon breeding as per agreement with Cal. fish comrs. (3 *same* 1874/5: 16-21.)

——. Table giving mean and extremes of temperature of air and water for Aug. and Sept. at r.r. crossings of San Joaquin River; this table will be of service in determining into what Southern rivers San Joaquin salmon may be transplanted. (3 *same* 1874/5: 11.)

1875. On importance of increasing quantity of salmon in Sacramento River; much attention given to Sacramento salmon by scientists and fish culturists in other countries; govt. hatchery on St. Cloud River, Shasta Co., largest establishment in the world for hatching salmon eggs; increased apprn. asked for; Mr. Crocker's experiment of placing salmon in rivers having no outlet to ocean; salmon of San Joaquin River. (3 *same* 1874/5: 8-10.)

1875-1877. Tables exhibiting mean and extremes of temperature of water and air at two stations each on Sacramento and San Joaquin Rivers, taken for 3 yrs. during mos. salmon are passing up to spawning grounds. (4 *same* 1876/7: 16-17.)

1877. Rept. on illegal fishing; patrol to prevent unlawful fishing while salmon are passing up to spawning grounds absolute necessity; also protection on breeding beds; in addition to making penalties more severe for violations of law, amdmt. recommended making it a misdemeanor to fish for salmon with nets or traps betw. sunset on Saturday and sunrise on Monday. (4 *same* 1876/7: 18-22.)

——. Proprietors of canneries and capitalists making effort to induce legisl. to alter close season for salmon, permitting fishing in Aug. and Sept.; change cannot but result in permanent injury. (4 *same* 1876/7: 14-15.)

1878-1879. Rept. of H. D. Dunn employed to see if law was obeyed during close season on Sacramento, and also to obtain statistics of salmon canning establishments; stmt. of money invested in canning establishments on Pacific Coast and no. of cases put up during past yr. (5 *same* 1878/9 (pp. 5-8)—6 rept. *same* 1880.)

1878-1886. Rept. on Sacramento salmon. (5 *same* 1878/9 (pp. 3-4)—9 *same* 1885/6.)

——. Rept. on introduction and distribution of landlocked salmon. (5 *same* 1878/9 (pp. 11-12)—9 *same* 1885/6.)

Not found in repts. 1880 and 1881/2.

1879. Answer to question of practicability of keeping up supply of salmon in the Sacramento. (5 *same* 1878/9: 8-9.)

1880. Petitions of fishermen of S. F. and vicinity asking abolishment of close season of salmon fishing. 6, 4 pp. (App. to jols. 23 sess. v. 5 unnum. doc.)

1883-1884. Cause of decrease in supply of salmon. (Rept. comrs. of fisheries 1883/4: 3-5.)

——. Violation of the law re. salmon. (*Same* 1883/4: 3-5.)

1884. Violations of law by unprincipled men who have established fisheries from Fremont to Redding on Sacramento River; suggested that state set apart section of river betw. Jacinto and the McCloud and Pit Rivers as breeding grounds for salmon. (*Same* 1883/4: 13.)

1885/6. The Sacramento River—table giving temperature of water at Sacramento taken at 4 o'clock p. m. daily from Sept. 15, 1885, to Sept. 15, 1886. (9 *same* 1885/6: 17-19.)

1886. Laws recommended that close season of salmon be enlarged, that use of Chinese shrimp net and sturgeon lines be prohibited with severe penalties, remedial legislation to prevent destruction of fish by seals and sea lions, repealing of shad close season law, that penalties be made uniform and allotment of fines defined. (9 *same* 1885/6: 16.)

FISH AND GAME—cont'd

Salmon—cont'd

1888-1890. Recommended legislation of former comrs. re. enlarging close season for salmon and remedial action agst. seals and sea lions; further recommended that license law be amended to declare penalty for its violation, that law be passed providing for confiscation and destruction of all unlawful nets or seines taken, that possession of fish out of season or of under size be made misdemeanor; legislation re. taking of immature fish and defining same. (*Same* 1886/8 (p. 7)—*same* 1888/90.)

1888-1904. Cumulative comparative table giving salmon pack of Sacramento River. (14 *same* 1894/6 (p. 9)—18 *same* 1902/4.)

1890. Why salmon are scarce, letter from Dr. H. W. Harkness, pres. Cal. Academy of Sciences. (*Same* 1888/90: 66-67.)

1892. Comment on extraordinary increase in salmon run this yr. (*Same* 1891/2: 8-9.)

——. Salmon and trout of Pacific coast; by Dr. D. S. Jordan. (*Same* 1891/2: 44-65.)

1894. Same; revised. (13 *same* 1892/4: 125-142.)

——. Recommended that fish comn. boat fund of $1100 be paid into fish comn. fund, that apprn. of past 2 yrs. be continued, that extension of close season for salmon from Aug. 1 to Oct. 1 is most important change required in fish laws; bill framed by convention for revision of game laws indorsed. (13 *same* 1892/4: 31-33.)

1895-1900. Comment on salmon industry of state. (14 *same* 1894/6 (pp. 7-9)—16 *same* 1898/00.)

1895-1902. Operations at Shovel Creek station. (14 *same* 1894/6 (p. 26)—17 *same* 1900/2.)

1896-1898. Salmon distribution in streams other than Sacramento and its tributaries. (15 *same* 1896/8: 22-24.)

——. Rept. on planting of Quinnat salmon fry in short coast streams of Marin Co., with results of observations made upon their movements, food, rate of growth, enemies, etc.; same with reference to Sacramento. (15 *same* 1896/8: 49-71.)

1896-1901. The Quinnat salmon—extracts from rept. on investigations in Sacramento River; by C. Rutter. (18 *same* 1902/4: 30-31.)

1898. Favorable comment on law placing trials for violations of salmon and set-net laws in superior court; code failed to make provision for disposal of illegally possessed fish and game and fishery apparatus. (15 *same* 1896/8: 17-18.)

——. Salmon in San Joaquin River. (15 *same* 1896/8: 24.)

1898-1904. Argument in defense of present salmon law. (15 *same* 1896/8 (pp. 25-28)—18 *same* 1902/4.)

1899-1900. Salmon propagation; with advance of industries, natural spawning grounds of salmon are slowly being destroyed, and in time there will be no natural propagation. (16 *same* 1898/00: 11-12.)

1900. Investigations of movements and habits of young salmon in fresh water continued. (16 *same* 1898/00: 12.)

1902. Studies in the natural history of Sacramento salmon; by C. Rutter, asst. U. S. fish comn. (17 *same* 1900/2: 64-76.)

1903-1904. Pacific species of salmon and trout, and parent stream theory of return of salmon; by Dr. D. S. Jordan; artificial propagation of salmon in Sacramento River; by C. Rutter. (18 *same* 1902/4: 103-107.)

1904. Introduction of land-locked salmon partial success—first shipment made in 1895, second in 1904. (18 *same* 1902/4: 48-49.)

HATCHERIES; see above, that title

MARKET; see MARKETS, above

FISH AND GAME—cont'd

Sardines

1874. Rept. on exhibit of Cal. sardines: a new industry in state. (Trans. state agric. socy. 1874: 185-186.)

Sea Lions

1899-1900. Depredations of sea lions; corresp. with authorities at Washington re. killing them on good reservations. (16 bienn. rept. bd. fish comrs. 1898/00: 26-40.)

1902. On matter of reducing herds of sea lions. (17 *same* 1900/2: 26-27.)

Seals

1875. Recommendation that law for protection of sea lions and seals be repealed, and if necessary, again re-enacted after nine-tenths have been destroyed. (3 bienn. rept. comrs. of fisheries 1874/5: 13.)

1896. Calling attention to injury to fish industry by increased no. of seals near Seal Rocks protected by U. S. legislation. (14 *same* 1895/6: 9-11.)

Shad

1871. Importation of shad by M. S. Green, of Rochester, N. Y., to be turned into Sacramento. (1 bienn. rept. comrs. of fisheries 1870/1: 12-14.)

1873. Legislation needed to prevent the taking of new shad as they come in. (2 *same* 1872/3: 18.)

1875-1886. Rept. on transplanting of shad to rivers of state. (3 *same* 1874/5 (p. 8)—9 *same* 1885/6.)

1892. Shad planted by first state comn. 15 yrs. ago have become one of most plentiful of fish; transplanting of striped bass equally successful; distribution of black bass begun. (*Same* 1890/2: 9.)

1902-1904. Shad in Cal. (17 *same* 1900/2 (p. 26)—18 *same* 1902/4.)

MARKET; see MARKETS, above

Shrimp

1880. Petition re. shrimp fishing by Chinese. 8 pp. (App. to jols. 23 sess. v. 5 unnum. doc.)

1897-1904. Rept. on investigation of Chinese shrimp fisheries; remedial legislation needed. (15 bienn. rept. bd. fish comrs. 1896/8 (pp. 18-20)—18 *same* 1902/4.)

Sturgeon

1884. Sturgeon steadily on decrease; remedial legislation recommended. (Bienn. rept. comrs. of fisheries 1883/4: 8.)

1896-1904. Comment on laws passed in 1895 for protection of sturgeon and of supply on market. (14 bienn. rept. *same* 1894/6 (p. 13)—18 *same* 1902/4.)

MARKET; see MARKETS, above

Trout

1871. Habits of trout in streams; suggestion that fishways be constructed over large falls, there being no trout in mountain streams above large falls; trout fishery of Comer Bros. on Truckee River; suggestion that persons living near small streams or lakes could, at trifling expense and care, provide constant supply of fish by hatching a few eggs, or by turning in young fish. (1 bienn. rept. comr. of fisheries 1870/1: 10-12.)

1883-1888. No. of trout distributed from Shebley hatchery each yr. since its establishment and cost of maintenance per mo. (9 *same* 1885/6 (p. 14)—*same* 1886/8.)

1884. Unless state of Nev. does something towards dam abatement, Truckee trout will in a short time be a fish of the past. (*Same* 1883/4: 6.)

1890. Distribution of trout by private hatcheries. (Bienn. rept. *same* 1888/90: 51.)

1892. See above, Salmon; this date.

1894. Attempted introduction of golden trout. (13 *same* 1892/4: 29.)

——. Description of new varieties of trout; by Dr. D. S. Jordan. (13 *same* 1892/4: 142-143.)

FISH AND GAME—cont'd
Trout—cont'd
1894-1895. Table giving no. of lbs. of cut-throat trout caught in Lake Tahoe and shipped from Truckee. (14 *same* 1894/6: 13.)
1896. Comment on law re. stillhead trout. (14 *same* 1894/6: 14.)
1898. Depleting trout streams. (15 *same* 1896/8: 10.)
——. Market supply of trout. (15 *same* 1896/8: 34.)
1900. Unfavorable comment on repeal of ordinance by supervisors of Placer and El Dorado cos. prohibiting taking of trout from Lake Tahoe, or its tributaries, until June 1. (16 *same* 1898/00: 24.)
1902-1904. Eastern brook trout in state. (17 *same* 1900/2 (pp. 20-22)—18 *same* 1902/4.)
1904. Amdmts. to trout law recommended, making May 1 beginning of opening of season, limiting maximum weight at which they may be legally sold to one lb., and size limit to 5 inches. (18 *same* 1902/4: 31-32.)
Violations of Law
1895-1904. Summary of arrests made by deputies of fish comn., and outcome of cases for each bienn. period. (14 bienn. rept. bd. fish comrs. 1894/6 (p. 22)—18 *same* 1902/4.)
1897/8-1903/4. Comparative table showing increase in no. of arrests from yr. to yr., and amt. of fines paid during past 8 yrs. (18 *same* 1902/4: 11.)
Wardens
See also above, Patrol.
1896. Recommended additions and changes in fish and game laws; recommended apprns. and bill creating office of state fish and game warden. (14 bienn. rept. bd. fish comrs. 1894/6: 43-46.)
1896-1904. Comment on success of game warden system and necessity of having game warden in each co. (14 *same* 1894/6 (pp. 21-23)—18 *same* 1902/4.)
Whaling
1855. Govs. mess. re. steps necessary to secure whaling trade, now forced to Honolulu by restrictive laws of Cal., with statistics showing value and extent of same. (Sen. jol. 1855: 436-440; Assem. jol. pp. 486-490.)
——. 750 vessels and 20,000 seamen engaged in whaling industry on Pacific coast. (Govs. ann. mess. 1856: 21.)
Whitefish
1877-1884. Rept. on distribution of whitefish. (4 bienn. rept. comrs. of fisheries 1876/7 (pp. 23-24) —*same* 1883/4.)
HATCHERIES; see above, that title
Woodpeckers
1902. Rept. on woodpeckers in Cal. (8 bienn. rept. bd. hortic. 1901/2: 175-178.)

FIVE PER CENT FUND; see LAND: NATIONAL DOMAIN

FLAX
Crop; see Agriculture. Crops

FLOODS; see CLIMATE

FLOUR
Exports; see Commerce, etc.
Produce; see Industries, etc.

FOLSOM
Rainfall; see Climate

FOLSOM STATE PRISON; see MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS

FOOD LAW; see INDUSTRIES, ETC.

FORAGE PLANTS; see AGRICULTURE. CROPS

FOREST FIRES; see NATURAL RESOURCES. FORESTS

FOREST RESERVATIONS; see NATURAL RESOURCES. FORESTS

FORESTS AND FORESTRY; see NATURAL RESOURCES

FORT BIDWELL
Climate; see that title
Temperature; see Climate

FORT JONES
Climate; see that title

FORT MILLER
Climate; see that title

FORT ROSS
Rainfall; see Climate

FRATERNAL BENEFICIARY ASSOCIATIONS; see BENEFICIARY ORGANIZATIONS

FREIGHT RATES
Railroad; see Railroads
Water; see Commerce, etc.

FRENCH CHALK
Quarries; see Natural Resources. Mineral. Chalk

FRESNO
Climate; see that title

FRESNO COUNTY (1856)
Artesian Wells; see Natural Resources
Asphaltum in; see Natural Resources. Mineral
Assessors; see Taxation: State
Bullion Production
1885. See Natural Resources. Mineral. Production; this date.
Coal in
1892/4-1894/6. See Natural Resources. Mineral. Coal; these dates.
Copper in
1892/4-1894/6. See Natural Resources. Mineral. Copper; these dates.
Drainage; see Land. Drainage
Forests; see Natural Resources
Fruit Crop; see Agriculture. Crops
Gold in
1881. See Natural Resources. Mineral. Gold; this date.
1888. See same; this date.
1892-1895. See same; these dates.
1892/4-1894/6. See same; these dates.
Graphite in; see Natural Resources. Mineral
Gypsum in
1892/4-1894/6. See Natural Resources. Mineral. Gypsum; these dates.
Horticultural Board; see Agriculture. Horticultural Commissions
Iron in
1892/4-1894/6. See Natural Resources. Mineral. Iron; these dates.
Irrigation; see Land. Irrigation
Lime in; see Natural Resources. Mineral
Limestone in; see Natural Resources. Mineral

FRESNO COUNTY (1856)—cont'd
Magnesite in
1894/6. See Natural Resources. Mineral. Magnesite; these dates.
Marble in; see Natural Resources. Mineral
Mineral Springs in; see Natural Resources
Mines
1879/80. See Natural Resources. Mineral. Production; this date.
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Mining and Irrigating Canals
1894/6. See Industries. Mining Canals, etc.; these dates.
Natural Gas in; see Natural Resources
Oil Wells; see Natural Resources
Petroleum in; see Natural Resources. Mineral
Profile of
1890. See Land. Surveys; this date.
Railroad Aid; see Railroads. Public Aid
Silver in
1892-1895. See Natural Resources. Mineral. Gold; these dates.
Surveyor; see Land
Temperature; see Climate

FROSTS; see CLIMATE

FRUIT
Crop; see Agriculture. Crops
Exports; see Commerce, etc.
Imports; see Commerce, etc.
Industry; see Industries, etc.
Prices; see that title

FUNDS
State; see Finance: State

FUNGI; see AGRICULTURE. CROPS. PESTS

GABBRO; see NATURAL RESOURCES. MINERAL

GALENA
Mines; see Natural Resources. Mineral

GALL LOUSE; see AGRICULTURE. CROPS. PESTS

GAMBLING
License; see that title

GAME; see FISH AND GAME

GEOLOGY; see NATURAL RESOURCES

GEORGETOWN
Climate; see that title
Rainfall; see Climate

GEORGIA
Geology; see Natural Resources
Gold in; see Natural Resources. Mineral. Gold

GLASS
Industry; see Industries, etc.

GLENN COUNTY (1891)
Artesian Wells; see Natural Resources
Gold in
1892/4-1894/6. See Natural Resources. Mineral. Gold; these dates.

GLENN COUNTY (1891)—cont'd
Iron in
1892/4-1894/6. See Natural Resources. Mineral. Iron; these dates.
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Mining and Irrigating Canals
1894/6. See Industries, etc. Mining Canals, etc.; these dates.
Quicksilver in
1892/4-1894/6. See Natural Resources. Mineral. Quicksilver; these dates.

GOAT; see AGRICULTURE. LIVESTOCK

GOLD
Consumption; see Industries, etc. Consumption
Deposits; see Natural Resources. Mineral

GOLD DUST
Exports; see Commerce, etc.

GOLDEN GATE PARK; see PARKS: CITY

GOOSE LAKE VALLEY
Climate; see that title

GOOSEBERRY
Pests; see Agriculture. Crops. Pests

GOVERNOR
serial
1 series
1849-1863. Ann. mess.
In Collected docs. as follows:
1849 Burnett in Leg. jol. 1 sess. 1849/50 : 30-41 ; 596-607.
1851 Burnett in Leg. jol. 2 sess. 1851 : 11-38 ; 788-815.
1851 McDougal in Leg. jol. 2 sess. 1851 : 47.
1852 McDougal in Sen. jol. 3 sess. 1852 : 12-22.
1852 McDougal in House jol. 3 sess. 1852 : 12-21.
1852 Bigler in Sen. jol. 3 sess. 1852 : 28-31.
1852 Bigler in House jol. 3 sess. 1852 : 27-31.
1853 Bigler in Sen. jol. 4 sess. 1853 : 10-27.
1853 Bigler in Assem. jol. 4 sess. 1853 : 12-29.
1854 Bigler in Sen. jol. 5 sess. 1854 : 11-42 ; 51-61.
1854 Bigler in Assem. jol 5 sess. 1854 : 11-41 ; 52-56.
1855 Bigler in Sen. jol. 6 sess. 1855 : 23-72.
1855 Bigler in Assem. jol. 6 sess. 1855 : 22-72.
1856 Bigler in Sen. jol. 7 sess. 1856 : 19-84.
1856 Bigler in Assem. jol. 7 sess. 1856 : 13-78.
1856 Johnson in Sen. jol. 7 sess. 1856 : 89-93.
1856 Johnson in Assem. jol. 7 sess. 1856 : 82-86.
1856 Johnson in App. to Assem. jol. 7 sess. 1856 doc. 1.
1857 Johnson in Sen. jol. 8 sess. 1857 : 22-47.
1857 Johnson in Assem. jol. 8 sess. 1857 : 20-47.
1858 Johnson in Sen. jol. 9 sess. 1858 : 17-40.
1858 Johnson in Assem. jol. 9 sess. 1858 : 34-57.
1858 Weller in Sen. jol. 9 sess. 1858 : 54-60.
1858 Weller in Assem. jol. 9 sess. 1858 : 71-77.
1859 Weller in Sen. jol. 10 sess. 1859 : 16-43.
1859 Weller in Assem. jol. 10 sess. 1859 : 24-51.
1860 Weller in Sen. jol. 11 sess. 1860 : 36-70.
1860 Weller in Assem. jol. 11 sess. 1860 : 40-74.
1860 Latham in Sen. jol. 11 sess. 1860 : 104-112.
1860 Latham in Assem. jol. 11 sess. 1860 : 106-114.
1861 Latham in Sen. jol. 12 sess. 1861 : 29-44.
1861 Latham in Assem. jol. 12 sess. 1861 : 92-107.
1862 Downey in Sen. jol. 13 sess. 1862 : 31-54.
1862 Downey in Assem. jol. 13 sess. 1862 : 31-54.
1862 Stanford in Sen. jol. 13 sess. 1862 : 98-102.
1862 Stanford in Assem. jol. 13 sess. 1862 : 98-102.
1863 Jan. Stanford in Sen. jol. 14 sess. 1863 : 27-48.
1863 Jan. Stanford in Assem. jol. 14 sess. 1863 : 34-56.
1863 Dec. Stanford in Sen. jol. 15 sess. 1863/4 : 21-46.
1863 Dec. Stanford in Assem. jol. 15 sess. 1863/4 : 47-67.
1863 Low in Sen. jol. 15 sess. 1863/4 : 69-75.
1863 Low in Assem. jol. 15 sess. 1863/4 : 94-100.
2 series
1865-1880. Bienn. mess.
In Collected docs. as follows:
1865 Low in Sen. jol. 16 sess. 1865/6 : 32-57.
1865 Low in Assem. jol. 16 sess. 1865/6 : 45-70.
1867 Low in Sen. jol. 17 sess. 1867/8 : 32-53.

GOVERNOR—cont'd

serial—cont'd

2 series—cont'd

1867 Low in Assem. jol. 17 sess. 1867/8 : 35-56.
1867 Haight in Sen. jol. 17 sess. 1867/8 : 96-107.
1867 Haight in Assem. jol. 17 sess. 1867/8 : 92-103.
1869 Haight in Sen. jol. 18 sess. 1869/70 : 40-59.
1869 Haight in Assem. jol. 18 sess. 1869/70 : 38-57.
1871 Haight in Sen. jol. 19 sess. 1871/2 : 34-55.
1871 Haight in Assem. jol. 19 sess. 1871/2 : 57-78.
1871 Booth in Sen. jol. 19 sess. 1871/2 : 107-117.
1871 Booth in Assem. jol. 19 sess. 1871/2 : 119-129.
1873 Booth in Sen. jol. 20 sess. 1873/4 : 51-89.
1873 Booth in Assem. jol. 20 sess. 1873/4 : 109-146.
1875 Pacheco in App. to jols. 21 sess. v. 4 unnum. doc.
1875 Irwin in Sen. jol. 21 sess. 1875/6 : 20-35.
1875 Irwin in Assem. jol. 21 sess. 1875/6 : 19-34.
1877 Irwin in Assem. jol. 22 sess. 1877/8 : 12-46.
1880 Irwin in App. to jols. 23 sess. v. 5 unnum. doc.
1880 Perkins in App. to jol. 23 sess. v. 5 unnum. doc.

3 series

1881. Ann. mess.
In Collected docs. as follows :
1881 Perkins in App. to jol. 24 sess. v. 1 unnum. doc.

4 series

1883-1903. Bienn. mess.
In Collected docs. as follows :
1883 Perkins in App. to jol. 25 sess. v. 1 unnum. doc.
1883 Stoneman in App. to jol. 25 sess. v. 1 unnum. doc.
1884 Stoneman in App. to jol. 25 sess. (extra) unnum. doc.
1885 Stoneman in App. to jol. 26 sess. v. 1 unnum. doc.
1886 Stoneman in Sen. jol. 26 extra sess., 1886 : 19.
1887 Stoneman in App. to jol. 27 sess. v. 1 unnum. doc.
1887 Bartlett in App. to jol. 27 sess. v. 1 unnum. doc.
1889 Waterman in App. to jol. 28 sess. v. 1 unnum. doc.
1891 Waterman not found. 107 pp., 1 map.
1891 Markham in App. to jol. 29 sess. v. 1 unnum. doc.
1893 Markham in App. to jol. 30 sess. v. 1 unnum. doc.
1895 Markham in App. to jol. 31 sess. v. 1 unnum. doc.
1895 Markham in Sen. jol. 31 sess. 1895 : 19-36.
1895 Budd in App. to jol. 31 sess. v. 1 unnum. doc.
1897 Budd in App. to jol. 32 sess. v. 1 unnum. doc.
1899 Budd in App. to jol. 33 sess. v. 1 doc. [1].
1899 Budd in Assem. jol. 33 sess. 1899 : 16-29.
1901 Gage in App. to jol. 34 sess. v. 1 doc. [1].
1901 Gage in Sen. jol. 34 sess. 1901 : 21-43.
1901 Gage in Assem. jol. 34 sess. 1901 : 19-41.
1903 Gage in App. to jol. 35 sess. v. 1 doc. [2].
1903 Gage in Sen. jol. 35 sess. 1903 : 17-49.
1903 Gage in Assem. jol. 35 sess. 1903 : 14-46.
1903 Pardee in App. to jol. 35 sess. v. 1 doc. [1].

Executive Mansion; see Public Buildings and Grounds: State

Expenditures

1849/50. Stmt. of operations of govs. contingent fund. (A.R. state treasurer 1849/50: 555, 557.)
Paging from Collected docs.

1849/50-1862. Expenditures of executive dept. (A.R. state comptroller 1849/50 (pp. 520-521)—*same* 1861/2.)
Paging from Collected docs.

1850-1852. Tabular stmt. showing condition of govs. contingent fund. (*Same* 1849/50 (p. 539)—*same* 1851/2.)
Paging from Collected docs.

1854/5-1856. Govs. special contingent fund in acct. with state treasurer. (A.R. state treasurer 1854/5 (pp. 28-29)—*same* 1855/6.)

1858. Stmt. of contingent expenses of govs. office. (Sen. jol. 10 sess. pp. 209-210.)

——. Govs. estimates for executive office. (*Same* 9 sess. p. 361.)

1859. Stmt. of contingencies of govs. office. (*Same* 11 sess. pp. 232-233.)

1860. Estimate of contingencies of govs. office for 11th fiscal yr. (*Same* 10 sess. p. 244.)

1867. Stmt. of amt. expended out of govs. contingent fund. (*Same* 17 sess. p. 139.)

1871. Stmt. of amts. expended out of apprn. for special contingent fund. (*Same* 19 sess. pp. 95-96.)

1875. Stmts. of amts. expended out of apprn. for special contingent fund of govs. office. (*Same* 21 sess. p. 14.)

GRAIN
Crop; see Agriculture. Crops
Exports; see Commerce, etc.

GRANGE; see AGRICULTURAL SOCIETIES

GRANITE; see NATURAL RESOURCES. MINERAL

GRAPE
Crop; see Agriculture. Crops
Diseases and Pests; see Agriculture. Crops. Pests
Prices; see that title

GRAPHITE; see NATURAL RESOURCES. MINERAL

GRASS VALLEY
Rainfall; see Climate

GRASSES AND FORAGE PLANTS; see AGRICULTURE. CROPS

GRASSHOPPER; see AGRICULTURE. CROPS. PESTS

GRAYLING; see FISH AND GAME

GUARANTEE INSURANCE; see INSURANCE

GUAVA
Crop; see Agriculture. Crops

GYPSUM
Deposits; see Natural Resources. Mineral

HARBOR PROTECTION FUND; see HARBORS. RECEIPTS, ETC.

HARBOR REGULATIONS; see COMMERCE, ETC.

HARBORS
See also Wharves and Docks.

serial

1 series

Under Act of April 24, 1863.

1863/4-1864/5. Ann. rept. of bd. of state harbor comrs., 1-2.
In Collected docs. as follows :
1-2. 1863/4-1864/5 in App. to jols. 16 sess. v. 2 unnum. doc.

2 series

1865/7-1877/9. Bienn. rept. of bd. of state harbor comrs. for yr. endg. July 1.
In Collected docs. as follows :

1865/7	in	App.	to	jols.	17	sess.	v. 2	unnum.	doc.
1867/9	"	"	"	"	18	"	v. 2	"	"
1869/71	"	"	"	"	19	"	v. 2	"	"
1871/3	"	"	"	"	20	"	v. 3	"	"
1873/5	"	"	"	"	21	"	v. 2	"	"
1875/7	"	"	"	"	22	"	v. 3	"	"
1877/9	"	"	"	"	23	"	v. 1	"	"

3 series

1879/80. Ann. rept. of bd. of state harbor comrs. for yr. endg. June 30.
In Collected docs. as follows :
1879/80 in App. to jols. 24 sess. v. 2 unnum. doc.

4 series

1880/2-1902/4. Bienn. rept. of bd. of state harbor comrs. for yr. endg. June 30.
In Collected docs. as follows :

1880/2	in	App.	to	jols.	25	sess.	v. 6	unnum.	doc.
1882/4	"	"	"	"	26	"	v. 1	"	"
1884/6	"	"	"	"	27	"	v. 2	"	"
1886/8	"	"	"	"	28	"	v. 2	"	"
1888/90	"	"	"	"	29	"	v. 2	"	"
1890/2	"	"	"	"	30	"	v. 7	"	"
1892/4	"	"	"	"	31	"	v. 6	"	"
1894/6	"	"	"	"	32	"	v. 5	doc.	[11].
1896/8	"	"	"	"	33	"	v. 1	"	[8].
1898/00	"	"	"	"	34	"	v. 4	"	[0].
1900/2	"	"	"	"	35	"	v. 2	"	[9].

HARBORS—cont'd

non-serial

1864-1904. Rept. of special counsel to bd. of harbor comrs. (A.R. harbor comrs. 1863/4 (pp. 17-18)—*same* 1902/4.)
1873. Rept. on the preservation of timber. (Bienn. rept. *same* 1871/3: 19-32.)
1883. Rept. of jt. committee on investigation of harbor comrs. and pilot comrs. (Assem. jol. 25 sess. pp. 395-398; Sen. jol. pp. 207-210.)
1886. Recommendation that secys. and asst. secys. bond be increased. (Bienn. rept. harbor comrs. 1884/6: 12.)
1887. Rept. of Sen. river, harbor, and coast defenses committee finding that fortifications of S. F. are out of date, and inadequate; suggesting that navy yards be fitted for making cannon; and urging that Congress make a sufficient apprn. to protect Cal's. harbors agst. all foreign invasions. 5 pp. (App. to jols. 27 sess. v. 8 doc. [12].)
——. Same; with special reference to Fort Mann. 1889. (*Same* 28 sess. v. 8 doc. [10].)
1898. Comments on preservation of piles and timber. (Bienn. rept. harbor comrs. 1896/8: 6-8.)
1899. Rept. on state bd. of harbor comrs. (Rept. of committee to make examination of state institutions 1899: 179-183.)
——. Same in App. to jols. 33 sess. v. 2.
1904. Summary of principal improvements, etc., for 2 fiscal yrs. ended June 30, 1904. (Bienn. rept. harbor comrs. 1902/4: 8-9.)
——. Stmt. of work contracted for and completed within yrs. endg. June 30, 1902, and July 1, 1904. (*Same* 1902/4: 76-86.)
——. Stmt. of work contracted for since June 30, 1902, but not yet completed. (*Same* 1902/4: 87.)
——. Stmt. of work under way at date of last bienn. rept. and since completed. (*Same* 1902/4: 66-75.)

Expenditures; see below, Receipts and Expenditures

Humboldt Harbor

1857. Rept. recommending passage of act to prevent owners of saw-mills and other persons from obstructing channels of Humboldt Bay and harbor. (Assem. jol. 8 sess. p. 254.)

Laws, Rules and Regulations

LAWS

1876. Act to create state bd. of harbor comrs. for port of S. F., as amended; approved Feb. 28. 28 pp.
Not seen; entry from Bowker.
1891. Laws relating to bd. of state harbor comrs.
Not seen; entry from Bowker.
1893. Same.
Not seen; entry from Bowker.
1899. Laws and statutes relating to the bd. of state harbor comrs., Sept. 1. 92 pp.

RULES AND REGULATIONS

1878. Rules, regulations, and rates adopted by bd. of state harbor comrs., May 15. 15 pp.
Not seen; entry from Bowker.
1889. Same. 29 pp.
1891. Same. 34 pp.
1893. Same. 32 pp.
1898. Same. 30 pp.
1902. Same. 32 pp.

Leases; see Wharves and Docks

Oakland Harbor

1899. Rept. on act to create harbor of Oakland. (Assem. jol. 33 sess. p. 614.)

Receipts and Expenditures

1863-1898. Aggregate receipts and expenditures of bd. of harbor comrs. (Rept. of committee to make examination of state institutions 1899: 180.)
——. Same in App. to jols. 33 sess. v. 2.

HARBORS—cont'd

Receipts and Expenditures—cont'd

1863-1904. Comparative stmt. of receipts and disbursements for series of yrs. (Bienn. rept. harbor comrs. 1873/5 (p. 26)—*same* 1902/4.)
1864-1873. Recapitulation of receipts and disbursements. (A.R. same 1863/4 (p. 14)—bienn. rept. *same* 1871/3.)
1864-1904. Stmt. of receipts and disbursements. (*Same* 1863/4 (pp. 7-9)—bienn. rept. *same* 1902/4.)
1865-1902. Balance sheet for series of yrs. (Bienn. rept. *same* 1884/6 (p. 27)—*same* 1900/2.)
1873. Rept. on books and accts. of state harbor comrs. (Sen. jol. 20 sess. pp. 133-139; Assem. jol. pp. 189-195.)
1873/5. Stmt. of amt. paid on acct. of construction and repairs. (Bienn. rept. harbor comrs. 1873/5 (pp. 18-20)—*same* 1892/4.)
1874/5-1904. Comparative stmt. of cost of dredging. (*Same* 1875/7 (p. 16)—*same* 1902/4.)
1875. Stmt. of steam dredger acct. for fiscal yr. ending June 30. (*Same* 1873/5: 25.)
1879-1886. Comments on new work done and its contract cost. (*Same* 1877/9 (pp. 4-5)—*same* 1884/6.)
1883. Rept. of J. Pettee, expert, on accts. of state harbor comrs. (official term of J. S. Grey, secy.) 20 pp.
Not seen; entry from Bowker.
1884. Stmt. giving current disbursements. (Bienn. rept. harbor comrs. 1882/4: 4-5.)
1886-1904. Summary of receipts and disbursements. (*Same* 1884/6 (p. 3)—*same* 1902/4.)
1890-1904. Examination of books and accts. by expert accountant. (*Same* 1888/90 (pp. 12-13)—*same* 1902/4.)
1891-1898. Classified stmt. of aggregate rents recd. by state bd. of harbor comrs. (Rept. of committee to make examination of state institutions 1899: 180.)
——. Same in App. to jols. 33 sess. v. 2.
1896-1904. Stmt. of construction accts. nos. 1, 2, 3, 4, 5, 6. (Bienn. rept. harbor comrs. 1894/6 (pp. 14-24)—*same* 1902/4.)
1904. Itemized stmt. of receipts and disbursements for 2 fiscal yrs. endg. June 30. (*Same* 1902/4: 12-54.)
——. Stmt. of deferred payment draft acct. for 2 fiscal yrs. endg. June 30. (*Same* 1902/4: 59-64.)

HARBOR PROTECTION FUND

1867-1877. Stmt. of condition of harbor protection fund. (Bienn. rept. state controller 1865/7 (pp. 104-105)—*same* 1875/7.)
1867/9-1877. Harbor protection fund; receipts and payments. (Bienn. rept. state treasurer 1867/9 (p. 21)—*same* 1875/7.)

SAN DIEGO HARBOR

1889-1898. Tables showing receipts and expenditures of state bd. of harbor comrs. for San Diego Bay each yr. (Rept. of committee to make examination of state institutions 1899: 169-170.)
——. Same in App. to jols. 33 sess. v. 2.
1890-1898. Financial stmt. of receipts and disbursements. (Bienn. rept. San Diego harbor comrs. 1889/90 (pp. 3-4)—*same* 1896/8.)
1892-1904. Stmt. of condition of San Diego harbor improvement fund. (Bienn. rept. state controller 1890/2 (p. 99)—*same* 1902/4.)

SAN FRANCISCO HARBOR

1863-1904. Stmt. of S. F. harbor improvement fund, Nov. 4, 1863, to June 30, 1904. (Bienn. rept. harbor comrs. 1902/4: 57.)
1867. Stmt. of S. F. harbor protective fund. (*Same* 1865/7: 18-19.)

HARBORS—cont'd

Receipts and Expenditures—cont'd

HARBOR PROTECTION FUND—cont'd

SAN FRANCISCO HARBOR—cont'd

1871. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for construction of sea-wall. (Bienn. rept. state controller 1869/71: 57-58.)

1873/5. Stmt. of S. F. harbor protection fund. (Bienn. rept. harbor comrs. 1873/5: 24.)

1875/7-1884. Receipts and payments on S. F. harbor improvement fund. (A.R. state treasurer 1875/7 (p. 14)—bienn. rept. *same* 1882/4.)

1877-1904. Stmt. of condition of S. F. harbor improvement fund. (Bienn. rept. state controller 1875/7 (p. 82)—*same* 1902/4.)

——. Stmt. of S. F. harbor improvement fund. (Bienn. rept. harbor comrs. 1875/7 (pp. 10-16)—*same* 1902/4.)

1879/80-1891/3. Stmt. giving cost of completed sea-wall. (*Same* 1902/4: 65.)

1884. Stmt. exhibiting sources from which current receipts, as distinguished from receipts from S. F. harbor improvement fund, have been derived. (*Same* 1882/4: 4.)

1898-1902. Exhibit showing condition of S. F. harbor improvement fund, June 30. (*Same* 1896/8 (p. 17)—*same* 1900/2.)

San Diego Harbor

serial

1889/90-1902/4. Bienn. rept. of bd. of state harbor comrs. for bay of San Diego.

In Collected docs. as follows:

unnum.	1889/90	in App. to jols.	29	sess.	v. 2	unnum.	doc.			
2.	1890/2	"	"	"	30	"	v. 7	"	"	
unnum.	1892/4	"	"	"	31	"	v. 6	"	"	
"	1894/6	"	"	"	32	"	v. 5	doc	[12].	
"	1896/8	"	"	"	33	"	v. 1	"	[9].	
"	1898/00	not found.								
"	1900/2	in App. to jols.	35	sess.	v. 2	doc.	[8].			

non-serial

1868. Rept. of federal relations committee concerning improvement of harbor of San Diego; recommending turning of San Diego River into False Bay. 5 pp. (App. to jols. 17 sess. v. 2 [doc. 25].)

1890. Recommendation that $195,000 be appropriated for construction of sea-wall and thoroughfare, and piers, at points on city front where most urgently needed. (Bienn. rept. San Diego harbor comrs. 1889/90: 8.)

——. Comments on sea-wall; necessity and construction of same. (*Same* 1889/90: 4-7.)

1890-1896. Rept. of atty. for bd. of state harbor comrs. for bay of San Diego. (*Same* 1889/90 (p. 9)—*same* 1894/6.)

1892. Bd. desires special attention to necessity of such legislation as will enable it accurately to determine limits of bay on landward side, and extent of jurisdiction of bd.; to fact that means should be provided for effectually establishing this jurisdiction and settling at once question at issue betw. state and all other claimants. (*Same* 1890/2: 5.)

——. To amend "act to establish political code" approved Mch. 12, 1872, by amdg. secs. 2589, 2595, 2605, and 2606 of said code, re. establishing bd. of state harbor comrs. for bay of San Diego. (*Same* 1890/2: 9-10.)

——. Recommendation for apprn. to force issue of legal contests now standing betw. bd. and revenue, and to give control of water front which belongs to state, rental of which would furnish all means required by bd. and provide sinking fund sufficient to repay apprn. at early date; etc. (*Same* 1890/2: 6.)

1898. Recommendation for sufficient apprn. to construct suitable wharf upon bay; income derived therefrom would be source of revenue to state to

HARBORS—cont'd

San Diego Harbor—cont'd

non-serial—cont'd

such an extent that bd. could continue improvements of harbor so that they would finally be adequate to wants of present commerce. (*Same* 1896/8: 5.)

1899. Rept. on bds. of harbor comrs. of port of Eureka and for San Diego Bay. (Rept. of committee to make examination of state institutions 1899: 169-170.)

——. Same in App. to jols. 33 sess. v. 2.

1904. Recommendation that legislation be enacted giving bd. authority to expend limited sum for necessary incidental expenses, and necessary cost and expense of protecting rights of state in bay and tide lands, bd. to acct. proper authority for such expenditures. (Bienn. rept. San Diego harbor comrs. 1902/4: 14.)

——. Comments on fortifications and quarantine. (*Same* 1902/4: 11.)

——. Comments on sea-wall and pier head lines. (*Same* 1902/4: 10-11.)

EXPENDITURES FOR; see above, RECEIPTS, ETC.

San Francisco Harbor

For the water-lot controversy, see Land.

1857. Rept. on act re. sea-wall or bulkhead for S. F. (Assem. jol. 8 sess. pp. 867-869.)

1858. Rept. on necessity of sea-wall or bulkhead being constructed in front of S. F. (Sen. jol. 9 sess. pp. 453-456.)

1859. Rept. on bill re. sea-wall or bulkhead in S. F. harbor. (*Same* 10 sess. pp. 263-264.)

——. Repts. on immediate necessity of erection of a bulkhead or sea-wall in front of S. F. (Assem. jol. 10 sess. pp. 426-432.)

1860. Veto of act re. sea-wall or bulkhead in S. F. (Sen. jol. 11 sess. pp. 668-672.)

——. Rept. of special committee on act re. sea-wall or bulkhead in S. F. (*Same* 11 sess. pp. 467-469.)

——. Majority rept. of special committee on the bulkhead; recommending passage, with amdmts., of bill allowing construction, by private co., of bulkhead along water front of S. F., involving its extension, which, it is claimed, will prevent "filling in" material from sliding into docks, and thereby elevating water of harbor to such an extent that ships cannot come within convenient distance of warehouses. 6 pp. (App. to Sen. jol. 11 sess. doc. [13].)

——. Same; minority rept. 37 pp. (Same 11 sess. doc. [14].)

——. Rept. on act to provide for better protection of water front of S. F. (Assem. jol. 12 sess. pp. 813-814.)

——. Veto of act re. water front adjacent to block no. 9, in S. F. (Sen. jol. 12 sess. pp. 746-747.)

1866. Rept. of T. R. Brooks, . . . and table of soundings along the water front of city of S. F., Mch. 8 pp.

——. Same. (Bienn. rept. harbor comrs. 1865/7: 40-43.)

1867. Specifications for bldg. sea-wall along water front of S. F. (*Same* 1865/7: 1-6.)

1868. Rept. [favorable] of jt. committee proceedings re. state harbor comrs. [with particular notice of the sea-wall of S. F.] 20 pp. (App. to jols. 17 sess. v. 2 [doc. 7].)

1869. Map of water front of S. F. from south line of Chestnut St. to north line of Harrison St. (Bienn. rept. harbor comrs. 1867/9.)

1869-1902. Comments on sea-wall along water front of city and co. of S. F. and works appertaining thereto. (*Same* 1867/9 (pp. 3-12)—*same* 1900/2.)

HARBORS—cont'd
San Francisco Harbor—cont'd
1871-1873. Rept. of engr. of sea-wall. (*Same* 1869/71 (pp. 21-25)—*same* 1871/3.)
1873. Rept. to bd. of state harbor comrs. on water front of city of S. F.; by J. T. Arnold, engr. of sea-wall, S. F. 20 pp.
Not seen; entry from Bowker.
Surmised by compiler to be a reprint of pp. 9-32 of the Bienn. rept. of the harbor comrs. for 1871/3, being the regular bienn. rept. of T. J. Arnold, engr. of the sea wall, and a special rept. by Arnold on the preservation of timber.
1878. Rept. of bd. of state harbor comrs. on new water front line of S. F. 16 pp. (App. to jols. 22 sess. v. 4 [doc. 49].)
——. Petition in relation to harbor front, S. F. 2 ll. (*Same* 22 sess. v. 4 [doc. 24].)
North Beach improvement.
1880. Comments on urgent repairs and opinion of bd. that whole width of roadway along water front should be kept in repair by state. (Bienn. rept. harbor comrs. 1879/80: 8.)
1882. Rept. of bd. of engrs. apptd. to examine into matter of measurement of material used in construction of sea-wall and embankment at S. F. 51 pp. (App. to jols. 25 sess. v. 6 doc. [3].)
Differs from Crane rept. in that difference betw. material paid for and that estimated is not judged to be very great.
——. Rept. of L. E. Crane, expert on construction of sea-wall, S. F. 36 pp. and tables. (*Same* 25 sess. v. 6 unnum. doc.)
——. Recommendation that apprn. for repairs of wharves and outer half of water front roadway be increased. (Bienn. rept. harbor comrs. 1880/2: 9.)
1888. Recommendation that act re. reclaimed sea-wall lots be amended so that they will not be maintained as open spaces, and that power be given bd. to assign their use for commercial purposes during pleasure of bd. (*Same* 1886/8: 10.)
1896-1900. Rept. of chief engr. showing general condition of water front. (*Same* 1894/6 (pp. 33-37)—*same* 1898/00.)
1899. Rept. on examination into affairs of bd. of harbor comrs. of S. F. (Rept. of committee to make examination of state institutions 1899: 6-8.)
——. Same; in App. to jols. 33 sess. v. 2.
EXPENDITURES FOR; see above, RECEIPTS, ETC.
LABOR; see LABOR. PUBLIC WORKS
Santa Barbara Harbor
1853. Rept. re. reasons and necessity for improvement of Sta. Barbara harbor. 4 pp. (App. to Sen. jol. 1853 doc. 62.)
Santa Cruz Harbor
1870. Rept. of comrs. apptd. to examine harbor of Sta. Cruz and Salinas slough, in bay of Monterey to see if they can be made into harbors of refuge. 7 pp., 1 chart. (App. to jols. 18 sess. v. 3 doc. [46].)
Wilmington Harbor
1870. Sen. con. res. re. erection of breakwater at Wilmington harbor, to which is appended a rept. and map, prepared by Gen. B. S. Alexander, U. S. A. 11 pp., 1 map. (App. to jols. 18 sess. v. 2 doc. [40].)

HATCHERIES
Fish; see Fish and Game

HEALTH RESORTS; see PUBLIC HEALTH

HEMP
Crop; see Agriculture. Crops

HESSIAN FLY; see AGRICULTURE. CROPS. PESTS

HIGH SCHOOLS; see EDUCATION

HOG; see AGRICULTURE. LIVESTOCK. SWINE

HONEY
Industry; see Industries, etc.

HOP
Crop; see Agriculture. Crops

HORSE; see AGRICULTURE. LIVESTOCK

HORTICULTURE, BOARD OF; see AGRICULTURE

HOSPITALS; see MAINTENANCE

HUMBOLDT COUNTY (1853)
Assessors; see Taxation: State
Bullion Production
1885. See Natural Resources. Mineral. Production; this date.
Climate; see that title
Coal Mining
1892/4-1894/6. See Natural Resources. Mineral. Coal; these dates.
Copper in
1892/4-1894/6. See Natural Resources. Mineral. Copper; these dates.
Forests; see Natural Resources
Fruit Crop; see Agriculture. Crops
Gold in
1879-1880. See Natural Resources. Mineral. Gold; these dates.
1881. See same; this date.
1892-1895. See same; these dates.
1892/4-1894/6. See same; these dates.
Horticultural Board; see Agriculture. Horticultural Commissions
Iron in
1892/4-1894/6. See Natural Resources. Mineral. Iron; these dates.
Lumber Product; see Industries, etc.
Mineral Springs in; see Natural Resources
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Natural Gas in; see Natural Resources
Petroleum in; see Natural Resources. Mineral
Platinum; see Natural Resources. Mineral
Sandstone in; see Natural Resources. Mineral
Silver in
1892-1895. See Natural Resources. Mineral. Gold; these dates.
Surveyor; see Land

HUMBOLDT HARBOR; see HARBORS

HYDESVILLE
Climate; see that title
Rainfall; see Climate

HYGIENE
Industrial; see references under Industrial Hygiene
School; see Education

IDAHO
Production
PRECIOUS METALS; see NATURAL RESOURCES

IMMIGRATION; see POPULATION. MIGRATION

IMPORTS; see COMMERCE, ETC.

INCOME TAX; see TAXATION: STATE

INDEPENDENCE
Climate; see that title

INDIANS
1804-1854. General review of operation of policy of settling Indians on lands beyond limits of states, as adopted by act of Congress passed Mch. 26, 1804, urging settlement of Cal. Indians in conformity with same. (Govs. ann. mess. 1854: 19-20.)
1852. Majority and minority repts. on advisability of agreeing to treaties made with Indians by U. S. comrs. in 1851, and providing for reservation of lands for their use within state. (App. to Sen. jol. 1852: 597-604.)
1853-1854. Review of federal legislation providing for settlement of Indians on lands within state, and protest of legisl. agst. said policy. (Govs. ann. mess. 1854: 18-19.)
1857. Rept. of committee dissenting from govs. suggestion that present policy of gathering Indians into reservation within limits of state should be abolished. (Assem. jol. 8 sess. pp. 645-647.)
1858. Communication from supt. of Indian affairs with recommendations for apptmt. of jt. committee to visit reservation and rept. on mngmt. of same. (Sen. jol. 9 sess. pp. 77-78.)
1860. Rept. of select committee re. federal Indian policy; protest agst. invasion of state's rights. (Assem. jol. 11 sess. pp. 714-716.)
1866. Rept. of W. E. Lovett, special Indian agt. to supt. of Indian affairs in Cal. 8 pp. (App. to jols. 16 sess. v. 3 unnum. doc.)
1868. Rept. of Indian affairs committee re. Mission Indians in Cal.; unfavorable to establishments of reservations, except for the Coahuilas. 6 pp. (*Same* 17 sess. v. 3 [doc. 8].)
Depredations; see War Expenditures
Labor; see that title

INDIO
Health Resort; see Public Health

INDUSTRIAL EDUCATION; see EDUCATION

INDUSTRIAL HYGIENE
Accidents; see Insurance; do. Railroads
Welfare Work; see Labor

INDUSTRIAL SCHOOLS
Reformatory; see Maintenance: State

INDUSTRIES, TRADE, AND MANUFACTURES
See also Part I. Attention is also called to the notes under the co. assessors' entries under Taxation: State. Assessment, etc.
1850. Rapid improvement in cities, and increased development of commercial resources. (Govs. ann. mess. 1851.)
——. Industry of state severely taxed, and heavy tribute to other parts of world enforced by delay of Congress in establishing mint at S. F. (*Same* 1851.)
1852. Encouragement of mnftres. urged. (Govs. inaugural address 1852.)
1855. Cal. no longer dependent on foreign resources, now raising commodities sufficient for home consumption and even export. (Govs. ann. mess. 1856: 17.)
——. Granaries, warehouses, and stores filled with products of state industry.. (*Same* 1856: 7.)

INDUSTRIES, TRADE, AND MANUFACTURES—cont'd
1863-1874. Comparative table of amt. and value of leading articles of Cal. produce, together with treasure, exclusive of duties. (Trans. state agric. socy. 1874: 507-510.)
1866. Two causes which have combined to retard progress in mnfg. interest: scarcity of operations and high price of labor. (*Same* 1866/7: 86.)
——. Brief review of industrial occupations of state during yr., and results accomplished. (*Same* 1866/7: 33-46.)
——. Address on industrial progress of state and questions affecting its growth. (*Same* 1866/7: 77-88.)
1870. Address of Hon. A. A. Sargent setting forth causes for slow growth of state: difficulty of acquiring lands cheaply, land monopolies, remedial legislation suggested; exhausting production of wheat; extravagance of life and ideas, born of the flush days of state; anomalous condition of labor market. (*Same* 1870/1: 81-92.)
——. On general condition of state: anticipated impetus to business by completion of Pacific R.R. not realized; on contrary merchants, mnftrers., etc. of state brought into competition with those of the east. (*Same* 1870/1: 55-56.)
1871. Incumbrances to state's prosperity; scarcity of population in rural distrs.; land monopolies; immigration to be encouraged. (*Same* 1870/1: 14-19.)
1872-1874. Encouragement should be given to establishment of manufactories in state. (*Same* 1872 (pp. 8-9)—*same* 1874.)
1879. Address on the industrial growth of Cal. (*Same* 1879: 109-115.)
1886. Difficulty attending mnfg. in state. (6 A.R. state mineralogist 1885/6 pt. 1: 15-16.)
1887. Veto of act to protect mnfg. industries of state. (Assem. jol. 27 sess. pp. 693-694.)
1893. Review of industrial condition of state. (Trans. state agric. socy. 1893: 84-89.)
1895. The future development of resources and industries of state,—three great purposes towards accomplishing this: completion of Nicaragua Canal; more direct consideration by federal govt.; conversion of state's water power into electrical energy. Address by Hon. J. W. Mitchell. (*Same* 1895: 98-103.)
1895/6. Effect of roads upon industrial improvement; by R. C. Irvine. 8 pp. (Bureau of highways bull. 4 [1895/6].)
1903. Protest agst. passage of Sen. bill 354 to protect mnfg. industries of state. (Assem. jol. 35 sess. pp. 665-666; Sen. jol. p. 402.)

COLUSA COUNTY
1874. Industrial surveys of Colusa, San Diego, and Sonoma cos.; situation, extent, surface, and resources. (Trans. state agric. socy. 1874: 369-416.)

SAN DIEGO COUNTY
See above, Colusa co.

SAN FRANCISCO COUNTY
1877-1879. Rept. of city and co. assessor of S. F. on mechanical and mnfg. industries. (Trans. state agric. socy. 1878 (pp. 362-369)—*same* 1879.)
1890-1898. Statistics of mechanics and mnfg. industries of city and co. of S. F. for fiscal yr. endg. June 30. (Bienn. rept. equalization bd. 1889/90 (pp. 87-92)—*same* 1897/8.)

SONOMA COUNTY
See above, Colusa co.

Brick-making
1861. Veto of act to prohibit burning of brick within certain limits in city and co. of S. F. (Assem. jol. 12 sess. pp. 351-352.)

SACRAMENTO COUNTY
See Natural Resources. Mineral. Sacramento Co.

INDUSTRIES, TRADE, AND MANUFACTURES—cont'd

Butter; see below, Dairy

Canneries

FISH

See also Salmon, under Fish and Game.

1876. Establishment of salmon canneries on Sacramento at Collinsville and opposite Sacramento. (4 bienn. rept. comrs. of fisheries 1876/7: 11.)

1878-1879. See Fish and Game. Salmon; these dates.

1884. List of salmon canneries obtaining fish from the Sacramento, of canneries on the Columbia, and in British Columbia and Alaska. (8 bienn. rept. comrs. of fisheries 1883/4: 32-33.)

1885-1886. On acct. of small run of salmon more than half of canneries were closed; prospect for pack of 1887 not encouraging. (9 *same* 1885/6: 15.)

FRUIT

1883. Paper on orchard canning; by R. Wheeler. (A. R. bd. hortic. 1883: 114-117.)

1890-1899. Comparative table showing Cal. canned fruit pack for 10 yrs., with comments. (Trans. state agric. socy. 1899: 12.)

1890-1904. Cumulative comparative table of no. cases of Cal. canned fruit packed each yr. (7 bienn. rept. bd. hortic. 1899/00 (p. 41)—*same* comr. hortic. 1903/4.)

1898. Examination of canned fruits; amt. of sugar in canned fruits for which govt. should grant a drawback when goods are exported; by G. E. Colby. (A.R. agric. exper. stations 1897/8: 157-159.)

——. Investigations of canned products; by E. W. Hilgard and G. E. Colby. (*Same* 1897/8: 159-164.)

1900. Future trade possibilities in canned and dried fruits. (7 bienn. rept. bd. hortic. 1899/00: 147-155.)

——. The canning industry—from orchard to table, from a canner's standpoint. (7 *same* 1899/00: 143-147.)

1902. List of fruit and vegetable canneries in state. (8 *same* 1901/2: 49-50.)

——. Trade possibilities in Cal. canned and dried fruits; by I. Jacobs. (8 *same* 1901/2: 282-286.)

Cattle Foods

INSPECTION; see below, that title

Cheese; see below, Dairy

Consumption

GOLD

1874-1885. Historical table showing ann. consumption of gold in industrial arts in U. S. (6 A.R. state mineralogist 1885/6 pt. 2: 71.)

Cotton; see below, Textiles

Creameries; see below, Dairy

Dairy Industry

serial

1895/6-1902/4. Rept. of state dairy bureau, 1-5.

Checklist

1. 1895/6 Sacramento, 1896. 41 pp.
2. 1896/8 San Francisco, 1898. 37 pp.
3. 1898/00 n. p., n. d. 60 pp.
4. 1900/2 Sacramento, 1902. 56 pp.
5. 1902/4 Sacramento, 1905. 53 pp.

In Collected docs. as follows:

1. 1895/6 in App. to jols. 32 sess. v. 7 doc. [4].
2-3. 1896/8-1898/00 not found.
4. 1900/2 in App. to jols. 35 sess. v. 2 doc. [22].
5. 1902/4 in App. to jols. 36 sess. v. 3 unnum. doc.

non-serial

1889-1901. Comparative table showing receipts of butter, cheese, and eggs at S. F. (Trans. state agric. socy. 1901: 161.)

1893. Dairy farming in Cal., its future possibilities; by R. Ashburner. (*Same* 1893: 135-137.)

1894-1895. Condition of dairy interests of state. (*Same* 1894 (pp. 23-24)—*same* 1895.)

1895. The dairy for Cal.; by L. P. Shields. (*Same* 1895: 118-120.)

INDUSTRIES, TRADE, AND MANUFACTURES—cont'd

Dairy Industry—cont'd

non-serial—cont'd

1895-1901. Milk test at state fair; tabulated stmt. of results. (*Same* 1895 (pp. 95-97)—*same* 1901.)

1896. Table showing value of dairy industry of state for yr. (1 rept. dairy bureau 1895/6: 14.)

——. Recommendation that legisl. pass law making the bureau a permanent comn. (1 *same* 1895/6: 10.)

——. List of cases prosecuted for violation of present dairy law. (1 *same* 1895/6: 15-16.)

1897-1899. Comparative table giving value of dairy products of state. (Trans. state agric. socy. 1899: 31-32.)

1898/9-1899/00. Same; showing amt. and value of dairy products. (*Same* 1900: 113.)

1899. On condition of dairying in state. (*Same* 1899: 29-32.)

1900. Animal and dairy industries in Cal.; by L. Anderson. (*Same* 1900: 112-124.)

1900-1902. Table showing ann. value of dairy output to state. (4 rept. dairy bureau 1900/2: 25.)

1901-1903. Table giving amt. and value of dairy products of Cal. (11 bienn. rept. labor statistics 1902/4: 114.)

1902. Rept. of chemist. (4 rept. dairy bureau 1900/2: 29.)

BUTTER

1889-1896. Table showing no. of dairies mnfg. butter by separator process. (1 rept. dairy bureau 1895/6: 15.)

1896. Concerning enforcement of act to prevent deception in mnftre. and sale of butter and cheese. (1 *same* 1895/6: 5-6.)

1896-1901. Comparative table showing butter and cheese produced in state. (Trans. state agric. socy. 1901: 161.)

1897-1902. Table showing amt. of butter in lbs. produced during 2 yrs. covered by this rept. compared with that of former yrs. (4 rept. dairy bureau 1900/2: 21.)

1901-1902. Table showing receipts in S. F., during different mos., of butter produced. (4 *same* 1900/2: 22.)

1902. "Process" butter law, became law under constitutional provision, without govs. approval, Feb. 23, 1899. (4 *same* 1900/2: 51.)

——. Table showing butter production in lbs. for each co. in state for each yr. endg. Oct. 1, 1901 and 1902. (4 *same* 1900/2: 20.)

CHEESE

1865. Cheese making; stmt. by S. Cole, whose cheese was awarded first premium. (Trans. state agric. socy. 1864/5: 306-308.)

1896. Comments on filled cheese. (1 rept. dairy bureau 1895/6: 11-13.)

——. List of creameries and cheese factories in state. (1 *same* 1895/6: 18-21.)

1900-1902. Table showing cheese receipts in S. F. (4 *same* 1900/2: 23.)

1901-1902. Table showing cheese production in state. (4 *same* 1900/2: 23.)

1902. List of cheese mnftres. in state. (4 *same* 1900/2: 39-45.)

CREAMERIES

1896. See above, Cheese; this date.

1901. Creamery scores at state fair. (Trans. state agric. socy. 1901: 52.)

1902. List of creameries of Cal. (4 rept. dairy bureau 1900/2: 33-38.)

EXPENDITURES

1896. Financial stmt. (1 rept. dairy bureau 1895/6: 21-22.)

INDUSTRIES, TRADE, AND MANUFACTURES—cont'd

Dairy Industry—cont'd

EXPENDITURES—cont'd

1900-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for dairy bureau. (Bienn. rept. state controller 1898/00 (p. 88)—*same* 1902/4.)

1902. Financial stmt. for 52d and 53d fiscal yrs. (4 rept. dairy bureau 1900/2: 28.)

LAW

1896. Cal. state dairy law—approved Mch. 9, 1895. (1 rept. dairy bureau 1895/6: 23-27.)

1902. Law re. butter and cheese approved Mch. 4, 1897. (4 *same* 1900/2: 46-53.)

Exhibitions

1851-1885. History of former World's Fairs, compiled from various sources. (5 A.R. state mineralogist 1884/5: 13-50.)

1866. Preparations for Paris Exposition. (Trans. state agric. socy. 1866/7: 66-76.)

1867. Rept. of comr. to Paris Exposition. (*Same* 1866/7: 251-347.)

——. Same; separate. 99 pp.

1876. Majority rept. of jt. committee re. appropriating money in aid of Centennial Exposition. 9 pp. (App. to jols. 21 sess. v. 5 unnum. doc.)

1882. Rept. on National Mining and Industrial Exposition, held at Denver, Colo., Aug., 1882, W. B. Ewer, comr. from Cal.; stating reason for Cal's. non-exhibit, and showing need for some provision for future contingencies, and a permanent industrial exhibit; also memorial recommending another mining exhibition in 1883; appended, series of letters on Denver exposition written by comr. to "Mining and Scientific Press." 110 pp. (*Same* 25 sess. v. 5 doc. [7].)

1883. Special mess. of Gov. Stoneman re. International Exhibition at Amsterdam; transmitting letter from Jas. de Fremery, consul of the Netherlands, requesting an exhibit from Cal. 6 pp. (*Same* 25 sess. v. 1 doc. [3].)

1886. Rept. of A. Andrews, U. S. comr. for Cal. at World's Industrial and Cotton Centennial Exhibition, New Orleans, Dec. 16, 1884 to June 1, 1885. 67 pp.
Not seen; entry from Bowker.

1890. The World's Fair at Chicago. (14 rept. supt. public instruction 1888/90: 37.)

1890-1891. The World's Columbian Exposition of 1893. (Trans. state agric. socy. 1890 (pp. 20-23)—*same* 1891.)

1891/2. Bienn. rept. of progress re. proposed exhibit of Cal., at Chicago, 1893. 19 pp., 2 pl. (App. to jols. 30 sess. v. 1 doc. [15].)

1893. Communication and itemized stmt. of all expenditures made and paid out of apprn. for Cal. exhibit at World's Columbian Exposition. (Sen. jol. 30 sess. pp. 922-925.)

1894. Final rept. [of initiative work; financial stmt. of expenditures, official lists of awards; typical comments by the foreign press, etc.] incl. description of all exhibits from Cal. at World's Columbian Exposition, Chicago, 1893. 240 pp., 2 maps, 1 plan, 62 pl. (App. to jols. 31 sess. v. 2 doc. [1].)

1897(?). Rept. and recommendations by comn. that represented Cal. at Hamburg Exposition. 26 pp., 5 pls.

1897. Veto of act appropriating money to pay expenses of collecting, preparing, forwarding, etc., an exhibit of products of Cal. at Tenn. Centennial Exposition. (Sen. jol. 32 sess. pp. 637-638.)

INDUSTRIES, TRADE, AND MANUFACTURES—cont'd

Exhibitions—cont'd

1901. Rept. on investigation of all transactions of Paris Exposition comn. (Assem. jol. 34 sess. pp. 521-524.)

——. Rept. on govs. mess. referring to Paris Exposition comn. (*Same* 34 sess. p. 95.)

——. Rept. of Cal. Paris Exposition comn. (Sen. jol. 34 sess. pp. 109-111; Assem. jol. pp. 83-84.)

1904. Reasons for a Cal. exhibit at Belgium Exposition. (1 bienn. rept. comr. hortic. 1903/4: 369-371.)

——. Res. in favor of further apprn. for agric. education and of a state exhibit in Belgium, passed by Fruit Growers' Convention. (1 *same* 1903/4: 385.)

Fertilizers

1904. Commercial fertilizers; by Geo. Roberts. 29 (1) pp. (Agric. exper. station bull. 157.)

INSPECTION; see that title, below

Flour

INSPECTION; see that title, below

Food Law

1876/7. Adulteration of food, drinks, and drugs; by J. F. Montgomery. (4 bienn. rept. bd. of health 1876/7: 72-74.)
Efforts in Cal. to introduce legislation regulating adulteration.

1891. Memorials to Congress from Cal. Fruit Growers' Convention praying for legislation to prohibit adulteration of food products in this country and importation of adulterated food products. (A.R. bd. hortic. 1891: 447.)

1904. Recommendation for passage of pure food law with provision for prosecuting violations. (1 bienn. rept. *same* 1903/4: 195-196; 386.)

ADULTERATION; see below, INSPECTION
See also Liquor (Wine), below.

Fruit

1872-1885. Comparative tables showing increase in production of canned fruits, dried fruits, raisins, vegetables, brandy, and wine, and corresponding decrease in average rate of transportation. (Trans. state agric. socy. 1885: 179-180.)

1881. Rept. on fruit packages recommending free package system; communication from comrs. urging abolition of baskets and use of boxes of uniform size. (1 A.R. hortic. comr. 1882: 56-57.)

——. Rept. of committee on fruit packing. (1 *same* 1882: 61.)

——. Repts. on fruit shipping to Eastern states and west of Omaha. (1 *same* 1882: 57-59.)

1883. Discussion of subject of free boxes for fruit. (2 *same* 1883: 111-114.)

1885-1888. Comparative table giving summary of raisin, dried fruit, nut, and honey product of state. (Trans. state agric. socy. 1889: 264.)

1886. Discussion of the Allegretti air purifier preserving room system; also the cold storage system. (Bienn. rept. bd. hortic. 1885/6: 303-306; 490-497; 502-505.)

1889. The fruit industry of Cal.; its growth and development, and present and future importance; by Gen. N. P. Chipman. (Trans. state agric. socy. 1889: 256-288.)

——. Review of fruit industry in Cal. (A.R. bd. hortic. 1889: 5-8.)

——. Action taken to press matter of bldg. and furnishing fruit cars by r.rs. and of securing lower rates. (*Same* 1889: 441-442.)

1890. Preservative fluids for fresh fruits, sulphuring of dried fruits; by Hilgard. 4 pp. (Agric. exper. station, bull. 86.)

——. Same. (A.R. agric. exper. station 1890: 126-131.)

INDUSTRIES, TRADE, AND MANUFACTURES—cont'd
Fruit—cont'd
1891. Memorial to Congress from Cal. Fruit Growers' Convention requesting assistance in obtaining and disseminating knowledge re. foreign fruit products, also legislation to prohibit adulteration of food products in this country, and the importation of such adulterated products. (A.R. bd. hortic. 1891: 447.)
1891-1904. Review of fruit season in Cal.; demand and prices of each variety. (*Same* 1891 (pp. 55-64)—bienn. rept. comr. hortic. 1903/4.)
1893. Favorable rept. on Perkins process of preserving fruit in storage and transportation; discussion. (4 bienn. rept. *same* 1893/4: 263-264: 275-278.)
——. Rept. on markets and transportation; prospects of finding market in cities and sections not yet reached, and of securing quicker time for fruit shipments; freight rates; charges for packing, carrying, etc., investigated, with view of ascertaining proportion recd. by growers from gross sales of shipments to Eastern markets. (4 *same* 1893/4: 278-284.)
1894. Damage to Cal. fruit industry from strike which tied up all trans-continental lines. (4 *same* 1893/4: 397-399.)
——. Markets for future crops. (4 *same* 1893/4: 410-412.)
1900. The marketing of Cal. fresh fruit in the East. (7 *same* 1899/00: 96-101.)
——. Advantages of co-operation from a packer's standpoint. (7 *same* 1899/00: 124-127.)
1902. Cal. deciduous fruit industry—present unsatisfactory condition. (8 *same* 1901/2: 330-336.)
Associations
1881. Repts. of fruit growers' committee, S. F. comn. merchants, and committee on nurseries, with recommendations re. enforcement of protective laws. (1 A.R. hortic. comrs. 1882: 55-56.)
1889-1890. Rept. of Cal. Fruit Union. (Trans. state agric. socy. 1889 (pp. 313-318)—*same* 1890.)
1891. Recommendation that fruit growers and shippers be urged to organize local traffic assns. to obtain representation in Traffic Assn. of Cal. (A. R. bd. hortic. 1891: 469.)
1892. Establishment of a state fruit exchange at S. F. advised. (*Same* 1892: 2.)
1892-1893. Interesting facts and figures re. Campbell Fruit Union of Sta. Clara Co.; investments, expense of operation, methods, results, etc. (4 bienn. rept. *same* 1893/4: 402-403.)
——. Repts. re. formation of a state dried fruit exchange; discussion. (4 *same* 1893/4: 132-137; 259-263.)
1894. Organization of fruit exchange; history of Cal. Fruit Exchange. (4 *same* 1893/4: 412-415.)
1894-1896. Review of methods of citrus fruit exchange in Southern Cal. (5 *same* 1895/6: 71-72.)
1900. The yrs. operations of the Cured Fruit Assn. (7 *same* 1899/00: 116-124.)
——. Rept. of Cal. Fruit Growers' and Shippers' Assn. (7 *same* 1899/00: 92-95.)
1902. Rept. of Fresno Growers' Dried Fruit Co. (8 *same* 1901/2: 412-413.)
1904. Rept. of committee submitting plan for co-operative marketing of dried fruits. (1 bienn. rept. comr. hortic. 1903/4: 271-273.)
Canneries; see above, that title
Crystallized Fruits
1888. Premium paper on crystallized fruits. (Bienn. rept. bd. hortic. 1886/8: 47-48.)
Dried Fruit
1874. Sun-dried fruit a failure; no error; newspaper extract. (Trans. state agric. socy. 1874: 325-328.)

INDUSTRIES, TRADE, AND MANUFACTURES—cont'd
Fruit—cont'd
Dried Fruit—cont'd
1881. Rept. of committee on dried fruits. (1 A.R. hortic. comrs. 1882: 60.)
1883-1886. Comparative table showing production of each variety of dried fruit; comments. (Bienn. rept. *same* 1885/6: 513-514.)
1884-1899. Same; giving output of dried peaches in Cal. (7 *same* 1899/00: 44.)
1885-1888. Ann. review of dried fruit, raisin, prune, almond, walnut, peanut, and honey crop of Cal.; by G. W. Meade & Co., S. F. (Trans. state agric. socy. 1885 (pp. 203-209)—*same* 1888.)
1886. Review of dried fruits and nut crops of yr. (Bienn. rept. bd. hortic. 1885/6: 428-434.)
1886-1890. Discussion of methods of fruit drying. (*Same* 1885/6 (pp. 260-266)—A.R. *same* 1890.)
1889/90. Rept. of J. B. J. Portal, special agt. to investigate market of dried wine grapes in Europe. (A. R. bd. vitic. comrs. 1889/90: 64-67.)
1890-1899. Comparative tables showing dried prune product for state during 10 yrs., with comments. (Trans. state agric. socy. 1899: 11-12.)
1891(?). Cal. dried fruits and how to use them; by Prof. C. H. Allen, of San José. 8 pp.
Not seen; entry from Bowker.
1891. Review of dried fruit market of yr. (A.R. bd. hortic. 1891: 90-91.)
1891-1904. Cumulative comparative table giving Cal. dried fruit output. (8 bienn. rept. *same* 1901/2 (p. 32)—*same* comr. hortic. 1903/4.)
——. Comparative table showing steady increase in output of dried figs each yr. (7 *same* 1899/00 (p. 50)—*same* comr. hortic. 1903/4.)
1892. Sulphuring in fruit drying unfavorably commented on. (A.R. agric. exper. stations 1891/2: 127-128.)
——. New use for dried grapes—medicinal. (4 bienn. rept. bd. hortic. 1893/4: 233-234.)
1893-1899. Comparative table showing dried fruit product each yr., with comments. (Trans. state agric. socy. 1899: 10-11.)
1893-1903/4. Cumulative comparative table giving dried fruit pack, by varieties. (7 bienn. rept. bd. hortic. 1899/00 (p. 43)—*same* comr. hortic. 1903/4.)
1896. Cal. dried fruits and how to cook them. 15 pp. 20°. (State agric. socy.)
Not seen; entry from Bowker.
Exports; see Commerce
Fruit Exchanges; see above, Associations
Imports; see Commerce
Raisin
1873-1888. Comparative table showing magnitude and growth of raisin and wine industry. (Trans. state agric. socy. 1889: 265.)
1873-1890. Comparative stmt. of production of raisins in state. (A.R. bd. vitic. comrs. 1891/2: 46.)
——. Same; with comments. (*Same* 1889/90: 20-21.)
1880. Paper on Cal. raisins. (Trans. state agric. socy. 1880: 185-190.)
——. Raisin making in Spain; comparison with Cal. methods; prospects for future market. (1 A.R. bd. vitic. comrs. rev. ed. 1880: 33-39.)
1881-1886. Comparative table showing no. of boxes and lbs. of raisins produced. (Bienn. rept. bd. hortic. 1885/6: 511.)
1883. Paper on raisin production in state, and discussion. (A.R. *same* 1883: 59-64.)
1885-1898. Comparative table showing raisin product, with comments. (Trans. state agric. socy. 1899: 13-15.)
1886. Cal. raisins, from vine to table; by Geo W. Meade, of S. F. (*Same* 1886: 246-248.)

INDUSTRIES, TRADE, AND MANUFACTURES—cont'd

Fruit—cont'd

RAISIN—cont'd

1887. Bleaching seedless Sultana raisins; app. 3 to ann. rept. chief executive vitic. officer. (A.R. bd. vitic. comrs. 1887: 103-106.)

1888. Raisin drying, packing, and preparing for market; paper and discussion. (Rept. 6 ann. state vitic. convention 1888: 17-34.)

——. The raisin industry. [From the "Chino Champion," San Bernardino Co.] (Trans. state agric. socy. 1888: 150.)

1889. Raisin industry in state; by B. N. Rowley. (A. R. bd. vitic. comrs. 1889/90: 68-73.)

1890. Table showing no. of boxes of raisins shipped from different points in state. (A.R. bd. hortic. 1891: 83.)

1890-1892. Comment on production of raisins in state. (A.R. bd. vitic. comrs. 1891/2: 13.)

1891. Detailed rept. on raisin industry in San Joaquin distr., giving statistics of total acreage, acreage in bearing, and acreage not producing in each co. (*Same* 1891/2: 45-52.)

SHIPMENTS; see COMMERCE

Glass

1858-1889. Mnftre. of glass in state—history, condition, and future of business. (9 A.R. state mineralogist 1888/9: 324-329.)

Grape Syrup

1893. Grape syrup. 15 pp., 16 pls. (App. A to A.R. bd. vitic. comrs. 1893.)

Honey

1899. Comment on condition of honey industry in state. (Trans. state agric. socy. 1899: 23-24.)

Insecticides

INSPECTION; see that title, below

Inspection

1849. Provision inspection urged for S. F., to prevent great losses suffered from purchase of injured and spoiled provisions. (Govs. ann. mess. 1849.)

1885/6. Examinations and analyses of vegetable products; syrups from Alvarado sugar factory, and oranges and lemons. (Bienn. rept. agric. college 1885/6: 69-72.)

1892/4-1902/3. Analyses of foods, fodder stuffs, sugar-beets, etc. (Bienn. rept. agric. exper. stations 1892/4 (pp. 214-225)—*same* 1901/3.)

CATTLE FOODS

1891. Investigations and analyses of cattle foods of Cal. (A.R. agric. exper. stations 1891/2: 119-127.)

1903/4. Rept. of division of feeding-stuffs, dairy products, and nutrition investigations. (*Same* 1903/4: 49-70.)

FERTILIZERS

1876/7-1896/7. Analyses of commercial fertilizers and gypsum. (Bienn. rept. agric. college 1876/7 (pp. 54-55)—*same* agric. exper. stations 1895/7.)
Not found in ann. rept. 1881/2.

1885. Cautionary observations re. commercial valuations of fertilizers; analyses of fertilizers by Va. Dept. of Agric. reproduced. (Trans. state agric. socy. 1885: 189-192.)

1892. A fertilizer-control law needed in state; also a package law to regulate use of fruit boxes by firms and individuals. (A.R. bd. hortic. 1892: 5.)

1903/4. Rept. of division of fertilizer control. (A.R. agric. exper. stations 1903/4: 74-76.)

1904. The new fertilizer law. 6 pp. (Unnum. circular, agric. exper. station.)
Comment on and text of Act to regulate sale of commercial fertilizers.

INDUSTRIES, TRADE, AND MANUFACTURES—cont'd

Inspection—cont'd

FLOUR

1852. Rept. of state flour inspector, with stmt. of flour inspected, fees collected, and expenses, June 1 to Dec. 31. 2 pp. (App. to Sen. jol. 1853 doc. 18.)

——. Minority rept. objecting to act for apptmt. of flour inspectors. (Assem. jol. 1852: 148-149.)

——. Rept. re. need for flour inspection reviewing frauds and evils connected with flour trade in Cal., and prevalence of practice of selling damaged flour and mixing damaged with good. (*Same* 1852: 388-390.)

FOOD AND DRUGS

serial

Under Act of Mch. 5, 1885.

1884/6-1890/2. Rept. of state analyst, 1-4. (9 bienn. rept. bd. health 1886 (pp. 75-79)—12 *same* 1890/2.)

non-serial

1892/4-1902/3. See above, Inspection, these dates.

1900. Memorials and res. adopted by Fruit Growers' Convention re. adulteration of food products; etc. (7 bienn. rept. bd. hortic. 1899/00: 23-25.)

INSECTICIDES

1879. Rept. of examination of Persian insect powder and buhach. (Bienn. rept. agric. college 1878/9: 68-71.)

1903/4. Examination of paris green and other arsenicals used in spraying; table of results. (A.R. agric. exper. stations 1903/4: 44-47.)

LIQUORS

See also below, Liquor. Analyses.

1852. Rept. of state liquor gauger of S. F. re. receipts May 25, 1852, to Jan. 1, 1853. 2 pp. (App. to Sen. jol. 1853 doc. 63.)

1856. Petitions for retaining office of state liquor gauger. (Sen. jol. 1856: 397.)

——. Petition of liquor tradesmen of S. F. for repeal of act apptg. liquor gauger passed May 3, 1852, objecting to compulsory feature of same. (*Same* 1856: 343.)

1857. [Favorable] rept. of special committee to whom was referred mess. of gov. apptg. G. W. Ryder to office of gauger of wines and liquors of city of S. F. 19 pp. (App. to Sen. jol. 8 sess. doc. [6].)

OLIVES AND OLIVE OIL

1893. Review of act passed by last legisl. to regulate sale of imitation olive oil; attention called to proposed constitutional amdmt. re. taxing trees and vines; pure food bill failed to pass. (4 bienn. rept. bd. hortic. 1893/4: 2-4.)

1903/4. Table giving analyses of fruits, olive oils, pickled olives, sulphurs, etc. (A.R. agric. exper. stations 1903/4: 48.)

PRESERVATIVES

1895. Examination and analysis of preservative fluid of Maraschino cherries. (A.R. agric. exper. stations 1894/5: 180.)

SUGAR

1895. Proximate analyses of sugar-cane sorghum, maize, etc. (A.R. agric. exper. stations 1894/5: 163-164.)

Lime

1863-1883. Historical table giving ann. receipts of lime at S. F.; entire quantity being product of state. (4 A.R. state mineralogist 1883/4: 108.)

Lumber

1871. Scarcity of hard timber in state has operated to retard mnftre. of wagons, carriages, and agric. machinery; recommendation that liberal apprn. be made for artificial forest culture. (Trans. state agric. socy. 1870/1: 21-22.)

1872-1877. Comparative table showing receipts of lumber in S. F. markets. (*Same* 1877: 148.)

INDUSTRIES, TRADE, AND MANUFACTURES—cont'd

Lumber—cont'd

1872-1881. Stmt. of ann. receipts of lumber in S. F. (2 rept. state mineralogist 1880/2: 210-216.)

1875-1876. Comparative table giving no. and product of saw-mills in state by cos. (Trans. state agric. socy. 1877: 146.)

1878. Pacific coast woodlands; tables of surveyed timber lands, by cos.; varieties of timber; exportation of Cal. forest tree seeds; list of Cal. redwood sawmills and capacity; lumbering in the Sierras; ann. receipts of lumber in S. F. and value, etc. (*Same* 1877: 141-149.)

1882. Lumber and fuel in state considered with reference to mining interests; drafts already made on timber preserves; coast co. forests; flumes; sawmills. (2 rept. state mineralogist 1880/2: 202-216.)

1889. Stmt. showing lumber product of Humboldt Co.; by mills. (10 A.R. *same* 1889/90: 206.)

1892. Lumbering operations in Humboldt and Fresno cos. (4 bienn. rept. forestry bd. 1890/2: 52-53.)

1899-1903. Table showing timber production. (11 bienn. rept. labor statistics 1902/4: 115.)

1902. Remarks on lumber-making industry in Cal. (10 *same* 1901/2: 25-28.)

Meat

1894. Comment on German embargo on Amer. meats. (Trans. state agric. socy. 1894: 19.)

Liquor

ANALYSES; see also above, INSPECTION

1880-1884. Descriptive list of all Zinfandel wines thus far analyzed. (Rept. of vitic. work agric. college 1883/5: 65-67.)

1881/2. Descriptive list of contributed wines, with table showing results of analyses, discussion of varieties, characteristics of localities from which they come. (Bienn. rept. agric. college 1881/2: 150-163.)

1883/4. List of wine samples recd. (Rept. of vitic. work agric. college 1883/5: 54-55.)

1883/4-1885/6. Table of analyses of wines sent for examination each season. (*Same* 1883/5 (pp. 59-60; 155-156)—*same* 1885/6.)

——. Descriptive list of wines sent in for analysis. (*Same* 1883/5 (pp. 56-58; 152-154)—*same* 1885/6.)

1884. Vitic. inspections and consultations with vinegrowers and local societies; inadequacy of support of chief vitic. officer; necessity of organization to promote mutual interests and to defend vitic. agst. its enemies. (2 A.R. chief executive vitic. officer 1882/4: 15-17.)

——. Examinations of red wines from Sonoma and Napa cos. 1 sheet. (Agric. exper. station, bull. 21.)

——. Same. (Rept. of vitic. work agric. college 1885/6: 72-74.)

1885. Analyses of Sta. Clara Valley red wines; by Hilgard. 1 sheet. (Agric. exper. station, bull. 43.)

——. Same. (Rept. vitic. work agric. college 1883/5: 74-75.)

1890-1895. Analyses of wines sent for examination. (*Same* 1887/93: 370-372.)

——. Descriptive list of wines recd. for examination. (*Same* 1887/93: 364-369.)

BRANDY

1865-1890. Comparative table exhibiting total production of brandy for each of last 26 yrs. (A.R. bd. vitic. comrs. 1889/90: 17.)

1871. Wine and brandy statistics. (Trans. state agric. socy. 1870/1: 502-503.)

1875-1887. See below, Wine; these dates.

1879-1881. Comparative table showing amt. of brandy recd. at S. F. from interior. (2 A.R. bd. vitic. comrs. 1881: 19.)

INDUSTRIES, TRADE, AND MANUFACTURES—cont'd

Liquor—cont'd

BRANDY—cont'd

1881. See below, Wine; this date.

1888. Distillation of grape brandy; how to establish and conduct a distillery. (Rept. 6 ann. state vitic. convention 1888: 112-128.)

——. See also below, Wine; this date.

1888-1890. Comment on production of brandy; list of distilleries registered to Sept. 1, 1890. (A.R. bd. vitic. comrs. 1889/90: 16-20.)

1889/90-1900/1. See below, Wine; these dates.

1890-1892. Comment on production of brandy. (A.R. bd. vitic. comrs. 1891/2: 12-13.)

——. See also below, Wine; these dates.

1891. Rept. of F. A. West, on possible sale of brandy and concentrated must to Eastern wine markets. (2 A.R. bd. vitic. comrs. 1891/2: 60.)

EXHIBITIONS

1884. Exhibit of wines made at ann. vitic. convention. (Rept. of vitic. work agric. college 1883/5: 150-152.)

1888. Catalogue of wine and brandies exhibited. (Rept. 6 ann. state vitic. convention 1888: 212-218.)

1888-1890. Work of comn. in promoting demand and aiding sale of vitic. product; history of exhibit and café in S. F. (A.R. bd. vitic. comrs. 1889/90: 7-11.)

1889. Repts. of committees on wine exhibits at ann. vitic. convention. (*Same* 1889/90: 13-15.)

1894. On mismngmt. of vitic. exhibit at World's Fair, Chicago. (*Same* 1893/4: 7-11.)

——. The Midwinter Fair display. (*Same* 1893/4: 79-104.)

INSPECTION; see above, that title

WINE

No distinction is made by Cal. in her repts. between her viticultural and vinicultural interests. Both are comprised within the repts. of the vitic. comrs. Wherever possible the distinction has been made in this index, but it is advisable that persons interested in either the culture of the grape in Cal. or in the wine industry of Cal., should use both groups of material.

See also Agriculture. Crops. Grape.

1770-1888. Short historical sketch of vitic. in state begun by old mission fathers, and review of work done by bd. of vitic. comrs. since its organization in 1880. (A.R. bd. vitic. comrs. 1887: 7-21.)

1859. Rept. on native wines. (Trans. state agric. socy. 1859: 300-303.)

1861. Rept. on growth, culture, and improvement of grapevine in Cal. (Assem. jol. 12 sess. pp. 253-260.)

1871. Wine and brandy statistics. (Trans. state agric. socy. 1870/1: 502-503.)

1873-1888. Comparative table showing magnitude and growth of raisin and wine industry. (*Same* 1889: 265.)

1874. Vinic.: Cal's. wine interest; vinic. in the foothills. (*Same* 1874: 329-337.)

1875-1887. Comparative table showing receipts of Cal. wine and brandy at S. F. from interior for 13 yrs. (A.R. bd. vitic. comrs. 1887: 20.)

1877. Chemical composition of Cal. wines; by W. I. Macadam, lecturer on chemistry, Edinburgh. (Trans. state agric. socy. 1877: 117-119.)

1877-1887. Comparative table showing amt. of wine produced ann. in state. (A.R. bd. vitic. comrs. 1887: 18.)

1879. Cal. wine interest. (Trans. state agric. socy. 1879: 125-127.)

——. Vitic.: Cal. wines; Cal. brandies. (Bienn. rept. agric. college 1878/9: 61-65.)

1879-1881. Comparative table showing amt. of wine recd. at S. F. from interior. (2 A.R. bd. vitic. comrs. 1881: 19.)

INDUSTRIES, TRADE, AND MANUFACTURES—cont'd
Liquor—cont'd
WINE—cont'd
1879-1885. Table of analyses of Zinfandel wines, vintage of 1879-1885. (Rept. of vitic. work agric. college 1883/5: 68-69.)
1880. The worst enemies of Cal. wines: Amer. hotelkeepers, restaurateurs, and other retailers of "fine wines and liquors." (1 A.R. bd. vitic. comrs. rev. ed. 1880: 69-71.)
——. Duties of distr. comrs. and comrs. for state at large. (1 *same* rev. ed. 1880: 163-164.)
——. Wine as raw material; classification of Cal. wines; color in wine. (1 *same* 1880: 64-68.)
——. Vitic. lectures in the different distrs. provided for by act of legisl. (1 *same* 1880: 14-15.)
——. Apprn. of $10,000 a yr. for next 2 yrs. recommended. (1 *same* 1880: 12.)
1880-1882. Ann. rept. of vitic. dept. (A.R. agric. college 1880 (pp. 83-91)—bienn. rept. *same* 1881/2.)
1881. Tables giving mo. receipts of wine and brandy at S. F., and also mo. exports by sea and by rail. (2 A.R. bd. vitic. comrs. 1881: 20-21.)
1881-1884. Foreign corresp. (1 A.R. chief executive vitic. officer 1881 (pp. xxvi-xxxii)—2 *same* 1882/4.)
1881-1894. Repts. of secy. of bd. of vitic. comrs. (2 A.R. bd. vitic. comrs. 1881 (pp. 24-27)—*same* 1893/4.)
1883-1884. List of grapes recd. at vitic. laboratory. (Rept. of vitic. work agric. college 1883/5: 43; 81.)
1883-1894. Tables showing composition of musts and wines made in vitic. laboratory. (*Same* 1883/5 (pp. 53; 148-149)—*same* 1887/93.)
Table of color readings added 1887/93.
1884. See above, Analyses, this date.
——. Examination of Zinfandel wines; by Hilgard. 1 sheet. (Agric. exper. station, bull. 12.)
——. Same. (Rept. of vitic. work agric. college 1883/5: 62-63.)
——. Same. 1 sheet. (Agric. exper. station, bull. 9.)
——. Same; in part. (Rept. of vitic. work agric. college 1883/5: 64-65.)
——. Examination of red claret wines; by Hilgard. 1 sheet. (Agric. exper. station, bull. 13.)
——. Same. (Rept. of vitic. work agric. college 1883/5: 70-72.)
——. Spurious and adulterated wines. (2 A.R. chief executive vitic. officer 1882/4: 23-24.)
——. Misc. topics: grafting, stakes, lesson from South Africa, samples of distillates. (2 *same* 1882/4: 167-179.)
1884/5-1893/4. Descriptive list of grapes recd. and wines and musts made, by types and varieties. (Rept. of vitic. work agric. college 1883/5 (pp. 83-144)—*same* 1887/93.)
1885. Investigation of wines from rare grape varieties, Cinsaut, Petit Bouschet, Merlot, Verdot. 1 sheet. (Agric. exper. station, bull. 37.)
——. Same; Beclan, Cabernet Franc, Cabernet Sauvignon. 1 sheet. (*Same*, bull. 38.)
——. Same; Clairette Blanche, Roussanne, Marsanne. 1 sheet. (*Same*, bull. 40.)
——. Examination of Trousseau and Berger wines. 1 sheet. (*Same*, bull. 31.)
——. Vitic. and vinic. in Cal. . . . prepared for the New Orleans World's Fair. 42 pp. (Vitic. comn.)
——. Investigation of wines from rare grape varieties, grown by Natoma Water and Mining Co., Folsom. 1 sheet. (Agric. exper. station, bull. 35.)
——. Must analyses, vintage of 1885. (Rept. of vitic. work agric. college 1885/6: 54-55.)
——. Wines of 1885; by Hilgard. 1 sheet. (Agric. exper. station, bull. 51.)

INDUSTRIES, TRADE, AND MANUFACTURES—cont'd
Liquor—cont'd
WINE—cont'd
1885. Same. (Rept. of vitic. work agric. college 1883/5: 158-159.)
——. Same. (*Same* 1885/6: 28-30.)
——. Brief stmt. of main points involved in process of wine fermentation; conservation of wines; points in fermentation of red wines. (*Same* 1883/5: 24-41.)
1885-1889. Stmt. of general objects and plan of work. (*Same* 1883/5 (pp. 15-20)—*same* 1887/9.)
1885/6. Experiments on methods of fermentation; analyses of results. (*Same* 1885/6: 116-124.)
——. Calorimetric measurement of wines. (*Same* 1885/6: 23-26.)
1886. Table showing decrease of color of red wines from time of pressing until Nov. 20. (*Same* 1885/6: 135.)
——. Condensed grape-must and its uses. 1 sheet. (Agric. exper. station, bull. 54.)
——. Same. (Rept. vitic. work agric. college 1885/6: 42-44.)
——. Comments on Dr. Springmuehl's book on Italian wines, throwing light on probable future of condensed-must industry. (*Same* 1885/6: 47-51.)
——. The new viticulture bldg. (*Same* 1885/6: 18-20.)
——. Communication from C. A. Wetmore, vitic. officer, re. wine industry of state, giving immediate obstacles and suggested remedies. (Trans. state agric. socy. 1886: 214-216.)
——. Calorimetric measurement of wines; by Hilgard 1 sheet. (Agric. exper. station, bull. 60.)
1887. Some results of fermentation made at Univ. vitic. laboratory. (Rept. 6 ann. state vitic. convention 1888: 105-111.)
——. Shall Cal. make sophisticated wines? by Hilgard. 1 sheet. (Agric. exper. station, bull. 65.)
——. Experiments on methods of fermentation; by Hilgard. 1 sheet. (*Same*, bull. 63.)
——. Principles and practice of pasteurizing (of wines); by Hilgard. 1 sheet. (*Same*, bull. 66.)
——. The extraction of color and tannin during red wine fermentation; by Hilgard. 1 sheet. (*Same*, bull. 77.)
——. Univ. distribution of seeds, plants, etc.; influence of mode of fermentation on color of wine; by Wickson. 1 sheet. (*Same*, bull. 68.)
——. Wine colors and color wines; by Hilgard. 1 sheet. (*Same*, bull. 69.)
——. Vitic. in south of France, treatise on present and not approved methods of combating phylloxera and common fungoid diseases of vine—app. 5 to ann. rept. chief executive vitic. officer. (A.R. bd. vitic. comrs. 1887: 113-118.)
——. How to avoid and correct imperfect fermentation—app. 4 to ann. rept. chief executive vitic. officer. (*Same* 1887: 107-112.)
——. The pure wine bill (with comments and explanations)—app. 2 to ann. rept. chief executive vitic. officer. (*Same* 1887: 97-102.)
——. Same; separate. 8 pp.
——. Res. adopted by bd. of vitic. comrs. suggesting national legislation for vitic. industry. (A.R. bd. vitic. comrs. 1887: 71.)
——. Remedial legislation needed re. prtg. work of vitic. comrs.; increased apprn. advised. (*Same* 1887: 41.)
——. Comment on Cal. foreign trade in wines and brandies and lack of appreciation at home; importance of national law for protection of pure wines and detection and prevention of those that are spurious. (*Same* 1887: 25-37.)

INDUSTRIES, TRADE, AND MANUFACTURES—cont'd
Liquor—cont'd
WINE—cont'd
1887. Increase of home consumption of Cal. wines needed; influence of freight rates upon increase or decrease of eastern and interior trade. (*Same* 1887: 39-40.)
1887-1889. Stmt. of average yield of must per ton of grapes by varieties and types. (Rept. vitic. work agric. college 1887/9: 274.)
1887-1890. Comment on production of wine since last rept.; stmt. of prices of wine grapes paid during vintage of 1889. (A.R. bd. vitic. comrs. 1889/90: 15-16.)
1887-1893. Statistical tables showing total receipts of wine and brandy from interior for 3 yrs.; total amt. and value of exports by sea and rail; destination of wines shipped by sea; importations of still wines, champagne, and all sparkling wines, and of brandy. (*Same* 1889/90 (pp. 24-26)—*same* 1893/4.)
Rept. for 1889/90 covers yrs. 1887-1889; 1891/2 covers 1890-1891; 1893/4 covers 1892-1893.
1887/9. Preservative and remedial processes applied to wines of warm countries; pasteurization, chamberland filtration, electrical treatment, and ozonization. (Rept. of vitic. work agric. college 1887/9: 277-310.)
——. Calorimetric measurement of wines. (*Same* 1887/9: 25-27.)
1888. Rept. of A. Haraszthy to R. W. Waterman, gov. of Cal., Apr. 11. 2 p. l., 28 pp. (Vitic. comn.)
——. Wine cellars for the interior valleys; paper and discussion. (Rept. 6 ann. state vitic. convention 1888: 78-82.)
——. Wine-making machinery; paper and discussion. (*Same* 1888: 83-90.)
——. Wine and brandy-making as a profession; paper (*Same* 1888: 91-94.)
——. Electro-magnetism for aging wines. (*Same* 1888: 95-97.)
——. Wine storage and the preserving of fruits in cold storage; paper and discussion. (*Same* 1888: 44-49.)
——. So-called sherry flavor in wine and remedies (*Same* 1888: 98-104.)
——. Fermentation; paper and discussion. (*Same* 1888: 137-142.)
——. Lessons of last vintage, frosts, imperfect fermentation. (*Same* 1888: 143-145.)
——. Cal. wines; by Dr. J. A. Stewart. (*Same* 1888: 146-149.)
——. Sophistication of wines; by Prof. W. B. Rising. (*Same* 1888: 150-157.)
——. Markets for wine; paper and discussion. (*Same* 1888: 160-167.)
——. Wine storage; paper and discussion. (*Same* 1888: 168-172.)
——. Rept. on samples of wines and brandies treated with electro-magnetism. (*Same* 1888: 210-211.)
1888-1892. Drying wine grapes in Cal. (A.R. bd. vitic. comrs. 1889/90 (pp. 21-22)—*same* 1891/2.)
1888-1894. Minutes of meetings of vitic. comrs. (*Same* 1889/90 (pp. 83-100)—*same* 1894.)
Minutes are for bienn. periods.
1888-1904. Stmt. showing no. of pure wine labels issued to purchasers, names and locations of purchasers, no. used, and no. remaining in hands of purchasers, June 30. (Bienn. rept. state controller 1886/8 (pp. 138-139)—*same* 1902/4.)
1889. Recent stagnation of wine interests occasioned by foisting upon market an inferior article; defects to be remedied by co-operation. (Trans. state agric. socy. 1889: 19-20.)
——. Rept. of C. A. Wetmore re. proposed sweet wine bill. (A.R. bd. vitic. comrs. 1889/90: 31-34.)

INDUSTRIES, TRADE, AND MANUFACTURES—cont'd
Liquor—cont'd
WINE—cont'd
1889. Comment on premium wines. (Trans. state agric. socy. 1889: 185-186.)
1889-1892. Repts. of manager of hall and experimental cellar. (A.R. bd. vitic. comrs. 1889/90 (pp. 37-43)—*same* 1891/2.)
1889/90-1900/1. Comparative table showing yrly. production of wines and brandy. (Trans. state agric. socy. 1901: 161.)
1890. Comment on passage of sweet wine bill. (A.R. bd. vitic. comrs. 1889/90: 23.)
——. Demand for publications issued by comn. since 1880 constant; recommendation that valuable docs. now unobtainable, be again put into print. (*Same* 1889/90: 23.)
——. Wines: their care and treatment in cellar and store, together with short treatise on vinification; by R. Boireau. Translated from French. Introduction by J. H. Wheeler. (App. V, *same* 1889/90: 127-271.)
——. Same; separate. 3 p. l., 11-148 pp.
——. Wine industry recovering from period of 3 yrs. of depression caused by increased production consequent on extensive planting prior to 1886; importance of using only resistant stocks and grafting only finer varieties of grapes; outlook favorable. (*Same* 1889/90: 6-7.)
——. Conservation of wines; by Hilgard. 4 pp. (Agric. exper. station, bull. 87.)
——. Carpené's new methods of analysis of raw materials containing tartrates. (Rept. of vitic. work agric. college 1887/9: 343-345.)
1890-1892. Comment on production of wine in state. (A.R. bd. vitic. comrs. 1891/2: 12.)
——. Comment on work of comn. in finding market for Cal. wines and brandies; exhibits and cafés. (*Same* 1891/2: 8-9.)
1891. The sweet wine investigation—extract from Pacific Rural Press, Mch. 14, 1891. (Rept. of vitic. work agric. college 1887/9: 340-342.)
——. On condition of Cal. wine industry. (Trans. state agric. socy. 1891: 22-23.)
——. Rept. of W. C. Spencer on use of alternating electrical currents in treatment of wines. (A.R. bd. vitic. comrs. 1891/2: 61-62.)
——. How to raise the price of grapes, and an analysis of the sweet wine law; by C. A Wetmore. 15 pp. (Vitic. comn.)
——. Rept. of state analyst, on mnftre. of cream of tartar. (A.R. bd. vitic. comrs. 1891/2: 31-38.)
1891-1894. Progress repts. of C. J. Wetmore, chief executive officer. (*Same* 1891/2 (pp. 21-27)—*same* 1893/4.)
1891/2. Utilization of wine residues; by Antonio Dal Piaz. Translated from German specially for bd. of vitic. comrs. (*Same* 1891/2: 143-191.)
1892. Wine: classification, wine-tasting qualities and defects; by G. Grazzi-Soncini. Translated by F. F. Bioletti of state agric. exper. station. (*Same* 1891/2: 203-257; app. E.)
——. Same; separate. 57 pp.
——. The vitic. situation. (A.R. bd. vitic. comrs. 1891/2: 7-8.)
——. Results of sweet wine bill. (*Same* 1891/2: 13-14.)
——. Suppl. rept. of C. J. Wetmore, chief executive officer; market in England; experimental stations; translations of new researches upon resistance of, and exemption from, phylloxera. (*Same* 1891/2: 261-279.)
1892-1899. Comparative table showing Cal. wine product, with comments on the industry in state. (Trans. state agric. socy. 1899: 17-18.)

INDUSTRIES, TRADE, AND MANUFACTURES—cont'd

Liquor—cont'd

WINE—cont'd

1892/4. Depressed condition of vitic. during last biennial period. (Rept. bd. vitic. comrs. 1893/4: 6-7.)

1893. Rept. of C. A. Wetmore on the Oldham rept. on Cal. wines and on question of tariff on wines. (*Same* 1893/4: 55-58.)

Rept. is referred to as having been made to a British Royal Commission. The compiler was unable to locate it either in the Parliamentary Papers or in the British Museum Catalogue. Oldham did read a paper before the Society of Arts, etc. on Cal. wines, which was printed in London in 1894 as a 12-page pamphlet.

1893-1896. Fermentation: general principles and experiments with pure and selected yeasts; by F. T. Bioletti. (Rept. of vitic. work agric. college 1887/93: 379-421.)

1894. New sweet wine law, as amended by Congress. (Rept. bd. vitic. comrs. 1893/4: 71-74.)

——. Attempted organization of syndicate to control bulk of crop in order to secure better prices for wine. (A.R. *same* 1893/4: 11.)

——. Composition and classification of grapes, musts, and wines; by E. W. Hilgard. (Rept. of vitic. work agric. college 1887/93: 3-16.)

——. Treatise on wine production and special repts. on wine examinations, the tariff and internal revenue taxes, and chemical analyses. 92 pp., pl., 6 tables.

App. B, rept. vitic. comn. 1893/4.

1896. On quantities of nitrogenous matters contained in Cal. musts and wines; by G. E. Colby. (Rept. of vitic. work agric. college 1887/93: 422-447.)

1897. Control of temperature in wine fermentation; by Hayne. 19 pp. (Agric. exper. station, bull. 117.)

1900. Preservation of unfermented grape must; by Bioletti and dal Piaz. 12 pp. (*Same*, bull. 130.)

——. Cal. wines in France. (7 biennial rept. bd. hortic. 1900: 181-182.)

1902. Grape growing and wine industry in state. (8 *same* 1901/2: 424-429.)

1904. Native wines and their future; by P. T. Morgan, pres. Cal. Wine Assn. (1 biennial rept. comr. hortic. 1903/4: 356-362.)

——. Res. passed by Fruit Growers' Convention agst. repeal or alteration of present sweet wine law. (1 *same* 1903/4: 382.)

NAPA VALLEY

1883. Wine making in Napa Valley. (Trans. state agric. socy. 1882: 154-155.)

SANTA CLARA VALLEY

See above, Analyses.

SONOMA COUNTY

See above, Analyses.

Mines and Mining

CALIFORNIA

See also names of counties under Natural Resources. Mineral.

A very large quantity of material properly belonging here has been grouped under Natural Resources. Mineral. In order to avoid excessive duplication of entries, as well as to facilitate both the use of this index and of the material indexed, it has been thought best to keep as much as possible of the material relating to the minerals, together in one place.

1853. Majority and minority repts. re. advisability of calling miners' convention to formulate plan for working mineral lands. 7 pp. (App. to Assem. jol. 1853 doc. 35.)

1864. Veto of act concerning the Calaveras Mining Co. (Sen. jol. 15 sess. pp. 232-233.)

1874/5. Details of work at no. 8 claim (hydraulic gold mine), North Bloomfield Co. (9 A.R. state mineralogist 1888/9: 138.)

INDUSTRIES, TRADE, AND MANUFACTURES—cont'd

Mines and Mining—cont'd

CALIFORNIA—cont'd

1877-1888. Bodie Mines' statistics—historical tables giving bullion shipments (1877-1888) with dividends and assessments; gold and silver percentages for 1879-1882; ore and bullion statistics, Bodie Consolidated Mining Co. for 1881-1883. (8 *same* 1887/8: 396-401.)

1878/9. Flow of mining detritus—effect of flow of mining detritus and valley rivers: mining detritus and valley lands; tables showing sediment transported by waters of Yuba, Bear, American, Feather, and Sacramento Rivers. 72 pp. (Rept. state engr. 1878/9 pt. 3.)

1879. Summary of table showing depreciation in value of lands damaged by mining débris in various localities—area, probable present value, if not covered with débris, present value, depreciation to owners, and ann. loss to state in taxes. (*Same* 1878/9 pt. 3: 21.)

1882. Description of North Bloomfield tunnel and its auxiliary shafts, together with other extensive tunnels. (2 rept. state mineralogist 1880/2: 163-164.)

1886. Stmt. of no. of incorporated cos. filed in office of secy. of state from July 1, 1884, to July 1, 1886; no. of mineral and coal patents issued by U. S. for claims in Cal. to Nov. 13, 1886; no. of hydraulic mines enjoined. (6 A.R. *same* 1885/6 pt. 2: 64.)

——. Mine drainage in Cal. and Pacific coast; by C. G. Yale. (6 *same* 1885/6 pt. 2: 74-88.)

1888. Mineral resources of state considered by cos.; description of mines individually. (8 *same* 1887/8: 22-691.)

For analysis of each county, see the co. divisions under Natural Resources. Mineral.

1889/90-1890/2. Repts. of asst. in field on mines and mining, by cos. (10 *same* 1889/90 (pp. 91-102)—11 *same* 1890/2.)

All cos. in state given excepting Glenn, Kings, Madera, and Riverside in 1889/90; in 1890/2 following are given: Alameda, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kern, Lake, Lassen, Los Angeles, Marin, Mendocino, Merced, Monterey, Nevada, Placer, Plumas, Sacramento, San Bernardino, San Benito, San Diego, San Joaquin, Shasta, Sierra, Siskiyou, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo and Yuba.

1890. Map of mines and locations in vicinity of Sierra Buttes. (10 *same* 1889/90 facing p. 642.)

——. Locations of mines—suggestions by R. P. Hammond, Jr., ex-U. S. surveyor gen. of Cal. (10 *same* 1889/90: 883-896.)

——. List of hydraulic mines in Trinity Co.; seven plates given. (10 *same* 1889/90: 717-718; 720-727.)

——. See also Land: State. Mineral; this date.

1892/4-1894/6. Bienn. rept. on mines and mining products of state arranged alphabetically by subjects, cos., mines, etc. (12 rept. state mineralogist 1890/2 (pp. 21-411)—*same* 1894/6.)

In 1894/6 rept., tabulated stmts. of capacity and product of gold mills in each co. also given.

1894. Map of principal gravel mines in vicinity of Placerville; of channel system of Harmony Ridge; Nevada Co. (12 *same* 1892/4.)

——. Electric power transmission plants and use of electricity in mining operations; by T. H. Leggett. (12 *same* 1892/4: 413-455.)

——. Same; separate. 45 pp., illus., pl.

1896. Mine drainage, pumps, etc.; by H. C. Behr. 210 pp., illus. (State mining bureau bull. 9.)

——. Electric-power transmission plants in Cal.; by W. F. C. Hasson. (13 rept. state mineralogist 1894/6: 673-678.)

INDUSTRIES, TRADE, AND MANUFACTURES—cont'd

Mines and Mining—cont'd

CALIFORNIA—cont'd

1896. Water power and compressed air transmission plant for North Star Mining Co., Grass Valley; by A. DeW. Foote. (13 *same* 1894/6: 706-720.)

DRIFT MINING

1852-1882. See below, Hydraulic Mining; these dates.

1872-1880. History of Bald Mt. mine, standing at head of drift mines—its output, etc. (2 rept. state mineralogist 1880/2 app. pp. 176-179.)

1872/3-1879/80. Historical table showing ann. yield and dividends of Bald Mt. drift gold mine in Forest City, Sierra Co. (9 *same* 1888/9: 121.)

1878-1880. Tabular stmt. of receipts, expenditures, and corresponding profits of the Hidden Treasure drift mine at Sunny South. (2 *same* 1880/2 app. pp. 184-185.)

1882. See below Hydraulic Mining; this date.

1888. Drift mining in Cal.; by R. L. Dunn. (8 A.R. state mineralogist 1886/7: 736-770.)

PLACER COUNTY

1889. Stmt. re. work on survey of drift mining distrs. of Forest Hill Ridge in Placer Co.; by R. E. Browne. (9 A.R. state mineralogist 1888/9: 45-46.)

SIERRA COUNTY

1865-1875. Table showing results reached in several of moderately prosperous drift mines of Sierra Co. during period of 10 yrs. (2 rept. state mineralogist 1880/2 app. p. 181.)

HYDRAULIC MINING

In order to avoid unnecessary duplication, all the material growing out of the controversy relating to injury to farming lands and river navigation from hydraulic mining has been grouped under River Conservancy, which see.

1852-1882. Hydraulic and drift mining in Cal.; by H. Degrott, M. D. (2 rept. state mineralogist 1880/2 app. pp. 133-190.)

1878. Dams, ditches, and reservoirs of Cal. in use in hydraulic mining. (2 *same* 1880/2: 36-43.)

1882. Placer, hydraulic, and drift mining; general remarks, with description of each as practiced in Cal. from discovery of gold till present time. (2 *same* 1880/2: 28-157.)

——. Sources and supply of water for hydraulic mines of Cal. (2 *same* 1880/2: 46-47.)

——. Bed rocks and gravels of hydraulic mines in state; genesis of auriferous gravels. (2 *same* 1880/2: 93-101.)

——. Notes on hydraulic mining; by F. W. Robinson. (2 *same* 1880/2 app. pp. 117-129.)

——. No., length, size, and cost of mining ditches in Cal.; storing and distributing reservoirs. (2 *same* 1880/2 app. pp. 159-163.)

——. Table showing average height of gravel bands washed; pressure under which water was used; no. of cubic feet of gravel run off; cubic yds. moved per miners' inch of water, and yield per cubic yd. of some leading and a few smaller hydraulic mines of state—estimates extending over different periods. (2 *same* 1880/2 app. p. 170.)

1889. River bed mining; how carried on in Cal.; the Big Bend tunnel, the largest of its kind; northern tier of cos. (9 *same* 1888/9: 29-32.)

——. River mining in Cal. (9 *same* 1888/9: 262-281.)

1894. Comment on operations of hydraulic mines of state under "committee law"; list of mines to which permits have been granted to mine by "hydraulic method," by U. S. Débris Comn. (12 *same* 1892/4: 12-15.)

1896. List of hydraulic mines working under permission from U. S. Débris Comn., with date of issue of permit. (13 *same* 1894/6: 15-17.)

INDUSTRIES, TRADE, AND MANUFACTURES—cont'd

Mines and Mining—cont'd

MINERS' LICENSE ACT; see LICENSE

PLACER MINING

1855. Implements for placer and ditch mining greatly improved. (Govs. ann. mess. 1855: 23.)

1882. See above, Hydraulic Mining; this date.

SOUTH CAROLINA

1884. Mines of S. C.; taken from rept. of state agric. socy. 1884. (5 A.R. state mineralogist 1884/5: 192-194.)

Mining Canals and Ditches

1854. Canals and ditches extensively constructed to supply dry mining regions with water, making usual abandoning of mines during summer unnecessary. (Govs. ann. mess. 1855: 22-23.)

1855. Sierra Nevada Mt. Canal begun. (*Same* 1856: 16.)

——. More canals and water courses constructed during yr. (*Same* 1856: 15.)

——. Stmt., by cos., of mileage and value of canals and ditches in state, showing increase in both over 1854. (*Same* 1856: 16.)

——. Stmt. of value and mileage of canals and ditches in seven mining cos. of state. (*Same* 1855: 24.)

1856. Majority rept. of special committee on agric. and mining interests on Assem. bill 84. 5 pp. (App. to Assem. jol. 7 sess. doc. [19].)

1858. Majority and minority repts. of corporations committee on Sen. bill 6, re. use of private property by corporations, for mining canals and ditches. 16 pp. (App. to Sen. jol. 9 sess. doc. [12].)

1894/6. Rept. on mining and irrigating canals, artesian wells, etc., in Alameda, Amador, Butte, Calaveras, Colusa, Contra Costa, El Dorado, Fresno, Glenn, Kern, Kings, Mono, Monterey, Nevada, Placer, Plumas, Sacramento, San Benito, San Diego, S. F., Sta. Barbara, Sta. Clara, Sta. Cruz, Shasta, Solano, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Ventura (canals), Yolo, and Yuba cos. (13 rept. state mineralogist 1894/6: 525-566.)

Oleomargarine

1887-1901. Comments on oleomargarine, and table showing growth of oleomargarine production. (4 rept. dairy bureau 1900/2: 8-10.)

1896. List of cases which have been prosecuted for violations of present law: The People vs. John Moriarity, selling oleomargarine without giving notice to purchaser, as required by law; The People vs. John Moriarity, selling tub semblance of butter produced from pure milk or cream; The People vs. John Moriarity, selling oleomargarine without giving notice to purchaser, as required by law. (1 *same* 1895/6: 15-16.)

1902. Comments on federal oleomargarine law. (4 *same* 1900/2: 10-12.)

Olives and Olive Oil

1888-1891. Comparative table giving total product of olive oil industry in Cal. (A.R. bd. hortic. 1891: 80.)

1891. Adulterants in olive oils. (*Same* 1891: 133-137.)

——. Olive oil adulteration; by L. Papareeli. (A.R. agric. exper. stations 1891: 174-177.)

1892. Olive oil act and act to regulate practice of pharmacy inoperative because of defect in condition of enforcement; recommended amdmts. to both. (A.R. bd. hortic. 1892: 2-3.)

1901. Pickling ripe and green olives; by Bioletti. 21 pp. (Agric. exper. station, bull. 137.)

1902. Rept. of prosecution of a co. in Los Angeles for coloring green olives to resemble ripe olives. (8 bienn. rept. bd. hortic. 1901/2: 10-11.)

INDUSTRIES, TRADE, AND MANUFACTURES—cont'd

Olives and Olive Oil—cont'd

1904. Cal. olive oil; its manufacture; by Shaw. 33 pp. (Agric. exper. station, bull. 158.)

INSPECTION; see above, that title

Paper

1855. Utilization of tule possible for paper mnftre., and steps taken to ascertain value of same. (Govs. ann. mess. 1855: 14-15.)

——. Tule samples experimented with by paper mnftrers. insufficient for absolute determination, but good results obtained from quantity examined. (*Same* 1856: 22.)

Perfume

1862-1868. Because of failure of supply of turpentine and rosin during Civil War that industry was carried on in state for a time, but discontinued; an industry which grew out of this and survived it was the mnftre. of a perfume and a detergent from sap of nut pine, known under various names of erasine, aurantine, etc. (2 rept. state mineralogist 1880/2: 209-210.)

Pottery

1889. Article on pottery, with view to introduction of this industry into Cal.; by L. Irelan. (9 A.R. state mineralogist 1888/9: 240-261.)

Preservatives

INSPECTION; see that title

Production

1879. Stmt. giving no. of lbs. and gallons of wool, honey, and liquors produced, by cos. (A.R. equalization bd. 1880: 121.)

1893. The productive qualities of Cal.; reviewed by Gen. N. P. Chipman, chrm. of committee on industrial resources, as his ann. rept. to State Bd. of Trade. (Trans. state agric. socy. 1893: 108-124.)

——. Cal. in a productive sense. (*Same* 1893: 17.)

BEET-SUGAR; see below, SUGAR

BRANDY; see above, LIQUOR

BUTTER; see above, DAIRY INDUSTRY

CHEESE; see same.

COAL; see NATURAL RESOURCES. MINERAL

COPPER; see NATURAL RESOURCES. MINERAL

DAIRY PRODUCTS; see above, DAIRY INDUSTRY

FRUIT; see above, FRUIT INDUSTRY

GOLD; see NATURAL RESOURCES. MINERAL

LEAD; see NATURAL RESOURCES. MINERAL

LIME; see above, that title

MINERAL; see NATURAL RESOURCES. MINERAL

OLEOMARGARINE; see above, that title

PETROLEUM; see NATURAL RESOURCES. MINERAL

QUICKSILVER; see NATURAL RESOURCES. MINERAL

RAISINS; see above, FRUIT INDUSTRY

SALT; see below, that title

WINE; see above, LIQUOR

Salt

See also Alameda, Colusa, Mendocino and Sacramento cos. under Natural Resources. Mineral.

1860-1880. Table exhibiting comparative stmt. of salt industry, according to census of 1880, 1870, and 1860, for principal salt-producing states; no. of establishments, no. of blocks or furnaces, no. of vats, capital employed, wages paid, value of materials used, amt. and value of salt produced. (2 rept. state mineralogist 1880/2: 226.)

CALIFORNIA

1848-1882. On occurrence of salt in Cal. and its mnftres. (2 rept. state mineralogist 1880/2: 217-226.)

1872-1880. Stmt. of ann. yield of salt from Union Pacific works for 10 yrs. (2 *same* 1880/2: 224.)

INDUSTRIES, TRADE, AND MANUFACTURES—cont'd

Salt—cont'd

CALIFORNIA—cont'd

1884. A new enterprise—establishment of extensive salt works near Dos Palmas, San Diego Co., by Liverpool Salt Co. of Cal. (4 *same* 1883/4: 351-352.)

Shipbuilding

1854. Many of water craft employed on inland waters constructed within state. (Govs. ann. mess. 1855: 26.)

Silk Culture

serial

1 series

1883. Ann. rept. of state bd. of silk culture, 1.
In Collected docs. as follows:
1. 1883 in App. to jols. 26 sess. v. 5 unnum. doc.

2 series

1883/4. Bienn. rept. of state bd. of silk culture, 1.
In Collected docs. as follows:
1. 1883/4 in App. to jols. 26 sess. v. 5 unnum. doc.

3 series

1886-1888. Rept. of state bd. of silk culture.
In Collected docs. as follows:
1886 in App. to jols. 27 sess. v. 1 unnum. doc.
1888 in App. to jols. 28 sess. v. 5 unnum. doc.

non-serial

1856-1867. Silk culture in Cal.; its history, present and future prospects, and instructions to beginners. (Trans. state agric. socy. 1866/7: 469-494.)

1865-1871. Silk culture in Cal. (*Same* 1864/5 (pp. 256-258)—*same* 1870/1.)

1867. Repeal or modification of act of 1866 for encouragement of silk culture in Cal. recommended, lest state be bankrupted. (Rept. atty. gen. 1866/7: 7.)

——. Silk mnftre. recommended as a profitable industry for Cal. (Trans. state agric. socy. 1866/7: 451-454.)

1868. Memorial of J. Neumann re. silk culture in Cal. 12 pp. (App. to jols. 17 sess. v. 2 unnum. doc.)

——. Memorial of L. Prevost re. publishing information on silk culture of Cal. 4 pp. (*Same* 17 sess. v. 3 unnum. doc.)

——. Memorial of committee of Pioneer Silk Growers of Cal. 9 pp. (*Same* 17 sess. v. 3 unnum. doc.)

1868/9. Repts. of committee on silk culture. (Trans. state agric. socy. 1867/8: 123-125; 208-210.)

1869. Supreme Court, upon review of proceedings of bd. of judges in matter of premiums on mulberry plantations, decided action of bd. to be erroneous, and reversed same, by which state was saved sum of $14,775. (Rept. atty. gen. 1868/9: 9.)

1870. Memorial of J. Neumann re. Amer. flag presented to state, with history of silk mnftre. in state. 14 pp. (App. to jols. 18 sess. v. 3 unnum. doc.)

1871. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for silk culture. (Bienn. rept. state controller 1869/71: 50.)

——. Silk culture in state. (Trans. state agric. socy. 1870/1: 430-434.)

1883. Memorial of Cal. Silk Culture Assn. for state aid. 6 pp. (App. to jols. 25 sess. v. 3 unnum. doc.)

1884-1892. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for state bd. of silk culture. (Bienn. rept. state controller 1882/4 (p. 54)—*same* 1890/2.)

1886. General instructions for rearing silk-worms, with a treatise on securing healthy silk-worm eggs; . . . . by Mrs. Louisa Rienzi, secy. bd. of silk culture. 22 pp., illus.

1889. Same. 35 pp., illus. 16°.
Not seen; entry from Bowker.

INDUSTRIES, TRADE, AND MANUFACTURES—cont'd

Silk Culture—cont'd

non-serial—cont'd

1901. Silk and silk culture in Cal.; by Mrs. C. Williams, of San Diego. (Trans. state agric. socy. 1901: 106-109.)

1904. Silk culture; by C. W. Woodworth. 6 pp. (Circular 12, Agric. exper. station.)

Sugar

1857-1880. Cal. sugar industry; by Shaw. 54 pp. (Agric. exper. station, bull. 149.)

Beet Sugar

1870. Rept. on act to encourge production and mnftre. of sugar from sugar-beets in Cal. (Assem. jol. 18 sess. pp. 475-476.)

1870-1873. Amt. of beet sugar produced in state since introduction of industry. (Trans. state agric. socy. 1874: 302.)

1871. Rept. of success of Cal. Beet Sugar Co. (*Same* 1870/1: 211-212.)

1871-1875. Culture of sugar-beet in state. (*Same* 1870/1 (pp. 462-467)—*same* 1875.)
No returns in 1872.

1880. The beet sugar industry in state. (A.R. agric. college 1880: 36-40.)

1887. Sugar beets at Fresno; Hessian fly and resistant grains; by Hilgard. 1 sheet. (Agric. exper. station, bull. 72.)

——. Same. (A.R. agric. exper. stations 1890: 116-123.)

——. Comment on sugar-beet culture in Cal. by pres. bd. agric.; stmt. from C. Spreckles re. same and as to his intention of creating beet-sugar factories. (Trans. state agric. socy. 1887: 15-16; 222-223.)

1887-1890. Analyses and examinations of apricots and sugar-beets. (A.R. agric. exper. stations 1890: 115-123.)

1888-1894. History of establishment of Chino Beet Sugar Factory. (Trans. state agric. socy. 1895: 129-132.)

1888-1898. Comparative table showing beet sugar production of various factories in state, with rept. of condition of industry. (*Same* 1899: 18-21.)

1888-1901. Brief review of beet sugar industry. (*Same* 1901: 137-138.)

1891. Analyses of sugar-beets and discussion of results. (A.R. agric. exper. stations 1891/2: 116-119.)

1892. Sugar-beet culture on Chino Ranch. (*Same* 1891/2: 217-220.)

1893. Culture of sugar-beet in Cal.; by Hon. R. Gird, of Chino. (Trans. state agric. socy. 1893: 102-107.)

——. Condition of beet sugar industry in state. (*Same* 1893: 19-20.)

1894-1899. Comparative table showing ann. production of beet sugar in different states. (*Same* 1899: 20.)

1895. The growing of sugar-beets on alkali soils; analyses of beets, and soils in 10-acre tract, Chino Ranch, Southern Cal. Station, giving contents of soluble salts and distribution of alkali salts; by E. W. Hilgard and R. H. Loughridge. (A.R. agric. exper. stations 1894/5: 71-91.)

——. Comment on sugar-beets in Cal. (Trans. state agric. socy. 1895: 22-25.)

——. Beet sugar industry; extracts from pamphlet compiled and published by the Sacramento Bank, in their desire to encourage experiments in various sections of state. (*Same* 1895: 125-152.)

——. Prof. Hilgard on failure of beet sugar factory at Brighton, Sacramento Co. (*Same* 1895: 141-142.)

1896. Beet sugar industry of Cal. 35 pp. (State agric. socy.)
Not seen; title from Bowker.

——. Stmt. of cost of raising, and profits derived from 238 acres of beets, in San Juan Valley. (Trans. state agric. socy. 1899: 21.)

INDUSTRIES, TRADE, AND MANUFACTURES—cont'd

Sugar—cont'd

Beet Sugar—cont'd

1899-1903. Tables giving production of hops and output of beet sugar in Cal. (11 bienn. rept. labor statistics 1902/4: 115.)

Inspection; see above, that title

Textiles

1855. Cotton industry, heretofore exercising controlling influence upon exchanges with other nations, now of less importance and potency than Cal. gold productions, although increased in value and importance. (Govs. ann. mess. 1856: 15.)

Wool

1854-1879. Cumulative comparative table giving wool production of Cal., taken from books of E. Grisor & Co. (Trans. state agric. socy. 1876 (p. 90)—*same* 1879.)

1854-1891. Comparative table of wool production in Cal. since first record of same, showing a falling off since 1876. (*Same* 1891: 20.)

1855-1863. Same; showing product of wool in state, and increase per cent for each series of yrs. (*Same* 1863: 265.)

1867. Growth of wool industry in state; attention called to frauds in wools and legislative action recommended. (*Same* 1866/7: 12-13.)

1874. Wool rept. for yr. (*Same* 1874: 499-510.)

1876-1899. Comparative table showing wool clip since 1876 and no. of sheep since 1895; with comments. (*Same* 1899: 32.)

1890-1891. Same; showing wool production of Cal. (*Same* 1901: 162.)

1899-1903. Table showing wool production for last 5 yrs. (11 bienn. rept. labor statistics 1902/4: 114.)

INEBRIETY; see PUBLIC HEALTH

INHERITANCE TAX; see TAXATION: STATE

INJURIOUS INSECTS; see AGRICULTURE. CROPS. PESTS

INSANE

Maintenance; see Maintenance: State

INSANE CRIMINALS

Maintenance; see Maintenance: State

INSECTICIDES

Application; see Agriculture. Crops. Pests

Inspection; see Industries, etc.

INSECTS; see AGRICULTURE. CROPS. PESTS

INSPECTION AND REGULATION

Crops; see Agriculture. Crops. Quarantine, etc.

Fish; see Fish and Game

Industries; see that title

Nursery Stock; see Agriculture. Crops. Inspection

INSURANCE

serial

A

Under Act of March 26, 1868.

1868-1904. Ann. rept. of the insurance comr., 1-37.
In Collected docs. as follows:
The 1-4, 6-8, 29-31 and 34 repts. are not in the Collected docs., of these, therefore a checklist collation is given.
1. 1868 omitted. Sacramento. 202 pp. with index.
2. 1869 omitted. Sacramento. 368 pp. with index.
3. 1870 omitted. Sacramento. 284 pp. with index.
4. 1871 omitted. Sacramento. 292 pp. with index.
5. 1872 in App. to jols. 20 sess. v. 2 unnum. doc.

INSURANCE—cont'd

serial—cont'd

A—cont'd

6. 1873 omitted. San Francisco. 92, xiv, 15-128 pp., with index.
7. 1874 omitted. San Francisco. 48, lii, 49-244 pp., with index.
8. 1875 omitted. San Francisco. 122 pp. (Called preliminary report.)
9. 1876 in App. to jols. 22 sess. v. 2 unnum. doc.
10. 1877 " " " " 23 " v. 3 " "
11. 1878 " " " " 23 " v. 3 " "
12. 1879 " " " " 24 " v. 1 " "
13. 1880 " " " " 25 " v. 2 " "
14. 1881 " " " " 25 " v. 5 " "
15. 1882 " " " " 25 " v. 5 " "
16. 1883 " " " " 26 " v. 3 " "
17. 1884 " " " " 27 " v. 7 " "
18. 1885 " " " " 27 " v. 7 " "
19. 1886 " " " " 28 " v. 2 " "
20. 1887 " " " " 28 " v. 2 " "
21. 1888 " " " " 28 " v. 7 " "
22. 1889 " " " " 29 " v. 7 " "
23. 1890 " " " " 30 " v. 6 " "
24. 1891 " " " " 30 " v. 6 " "
25. 1892 " " " " 31 " v. 3 " "
26. 1893 " " " " 31 " v. 3 " "
27. 1894 " " " " 32 " v. 3 doc. [3].
28. 1895 " " " " 32 " v. 3 " [4].
29. 1896 omitted. Preliminary rept. only published.
30. 1897 omitted. Preliminary rept. only published.
31. 1898 omitted. Preliminary rept. only published.
32. 1899 in App. to jols. 34 sess. v. 2 doc. [6].
33. 1900 " " " " 35 " v. 2 " [5].
34. 1901 omitted.
35. 1902 in App. to jols. 36 sess. v. 3 unnum. doc.
36. 1903 " " " " 36 " v. 3 " "

B

1889-1902. Ann. preliminary rept. of insurance, 22-35.

Checklist

22. 1889. n. t. p. 18 pp.
23. 1890. " 18 pp.
24. 1891. " 19 pp.
25. 1892. Sacramento, 1892. 124 pp.
26. 1893. n. t. p. 17 pp.
27. 1894. Sacramento, 1894. 133 pp.
28. 1895. n. t. p. 16 pp.
29. 1896. " 23 pp.
30. 1897. " 16 pp.
31. 1898. " 15 pp.
32. 1899. " 15 pp.
33. 1900. None issued.
34. 1901. n. t. p. 15 pp.
35. 1902. " 16 pp.

non-serial

1868. Rept. on condition of cos. in S. F. (1 A.R. insurance comr. 1868: 9.)

——. List of cos. incorporated under Cal. laws transacting business in state. (1 *same* 1868: 8.)

——. Stmt. giving insurance cos. not organized under laws of state, duly licensed and transacting business in state at time of organization of this office. (1 *same* 1868: 6-7.)

——. List of insurance cos. organized under laws of other states and countries, which had relinquished business of this state prior to organization of this office. (1 *same* 1868: 6.)

1868-1871. Table showing no. of premiums recd. (19 *same* 1886: 5.)

1870. List of Cal. insurance cos. doing business on Dec. 31. (3 *same* 1870: 4.)

——. List of cos. of other states which were prompt in handing in repts. with dates on which they filed their stmts. (3 *same* 1870: 11-13.)

——. Rept. on acts passed at 18th sess. of legisl., affecting insurance business of state. (3 *same* 1870: 8-10.)

1872. List of cos. admitted to do business in state during yr. (5 *same* 1872: 6.)

——. List of cos. that have ceased to do business in state. (5 *same* 1872: 6-8.)

——. Table giving misc. information: losses paid from organization to date; losses incurred during yr.; total amt. of stock owned by directors; total amt. loaned officers and directors, etc. (5 *same* 1872: 36-37.)

INSURANCE—cont'd

non-serial—cont'd

1872-1875. Comparative stmt. of all cos. in state. (9 *same* 1876: 3-4.)

1873. Stmt. giving no. of cos. doing business in state, on June 1, 1873, classified as to their resp. localities of organization. (5 *same* 1872: 7.)

——. Stmt. of cos. admitted since Jan. 1, 1872. (5 *same* 1872: 384-394.)

1876. Stmt. showing amt. of insurance business done in state during yr.; also detail, condition and business of several insurance cos. organized under laws of state. (9 *same* 1876: 3-4.)

1876-1879. Stmt. of no. of property insurance cos. authorized to transact business in state at this date and classified as to localities of organization. (9 *same* 1876 (pp. 4-5)—12 *same* 1879.)

1876-1895. Ann. stmts. of Cal. insurance cos. (9 *same* 1876 (pp. 19-40)—28 *same* 1895.)

1876-1903. Stmt. giving no. of cos. that have ceased to do business in state during yr. (9 *same* 1876 (p. 4)—36 *same* 1903.)
No repts. 1896-1898.

——. Stmt. giving no. of insurance cos. that have been admitted to transact business in state during yr. (9 *same* 1876 (p. 4)—36 *same* 1903.)
No repts. 1896-1898.

1880. Recommendation re. extending time for filing ann. stmts. of foreign cos. from May 1 to June 1; also to diminish fine to more moderate sum. (13 *same* 1880: 17.)

1881-1903. Table showing amt. and description of risks in force Dec. 31, of Cal. insurance cos., Cal. business. (14 *same* 1881 (p. 6)—36 *same* 1903.)
No repts. 1896-1898.

1882-1903. Table showing business of Cal. insurance cos., Cal. business. (15 *same* 1882 (pp. 6-7)—36 *same* 1903.)
No repts. 1896-1898.

1886. Table giving misc. cos. doing business in state. (19 *same* 1886: 5.)

——. Recommendation that proper legislation be had for complete compilation of all insurance laws, and that they be published in pamphlet form for use of this dept. and distribution to parties interested. (19 *same* 1886: 8.)

1886-1903. Table showing yr. of organization, location, name of pres., secy., agt. or atty. for Cal., and date of certificate of authority issued by insurance comr. and date of commencement of business in Cal. of all insurance cos. authorized to transact business, Dec. 31. (19 *same* 1886 (pp. 26-29)—36 *same* 1903.)
No repts. 1896-1898.

1887. Recommendation re. legisl. amdg. sec. 439 of penal code so as to fix more severe penalty for its violation and also declare that all policies of insurance so placed shall be null and void. (20 *same* 1887: 6.)

1887-1888. Ann. examination of all cos. (20 *same* 1887 (p. 6)—21 *same* 1888.)

1887-1890. Table giving total no. of classified cos. acting under authority of this dept. (20 *same* 1887 (p. 4)—23 *same* 1890.)

1888-1890. Comments on unauthorized insurance in state. (21 *same* 1888 (pp. 7-9)—23 *same* 1890.)

1894. Comments on removal of suits to federal courts. (27 *same* 1894: 25-26.)

——. Comments on the Hooper case: Supreme Court of U. S. decides that a state has right to prevent foreign corporations from carrying on business within its limits, either absolutely or upon conditions and upholds the constitutionality of Cal. statute prohibiting brokers from placing insurance in unauthorized corporations. (27 *same* 1894: 28-32.)

INSURANCE—cont'd

non-serial—cont'd

1894. Comments on that part of sec. 627 of Political Code requiring all stmts., estimates, percentages, payments, and calculations of insurance dept. to be made in gold coin of U. S. (27 *same* 1894: 39.)

——. Comments on the appraisement of real estate, and agts'. balances. (27 *same* 1894: 38.)

——. Recommendation for passage of law that in future all applications of insurance cos. to do business in state shall be submitted to atty. gen. for examination and opinion upon legality of articles of incorporation. (26 *same* 1894: 7.)

1894-1895. Table showing amt. of risks written, premiums recd., and amt. of risks in force, Dec. 31, 1894, with premiums thereon, of misc. insurance cos. doing business in Cal. (27 *same* 1894 (p. 129)—28 *same* 1895.)

1894-1903. Table showing various items composing expenditures of misc. insurance cos. doing business in Cal., Dec. 31. (27 *same* 1894 (p. 128)—36 *same* 1903.)

——. Table showing various items composing incomes of misc. insurance cos. doing business in Cal., Dec. 31. (27 *same* 1894 (p. 127)—36 *same* 1903.)
No repts. 1896-1898.

——. Same; composing liabilities, except capital stock, of misc. insurance cos. doing business in Cal., Dec. 31. (27 *same* 1894 (pp. 125-126)—36 *same* 1903.)
No repts. 1896-1898.

——. Same; composing assets of misc. insurance cos. doing business in Cal., Dec. 31. (27 *same* 1894 (pp. 123-124)—36 *same* 1903.)
No repts. 1896-1898.

——. Summary of assets, liabilities, income, expenditures, etc., of misc. insurance cos. doing business in Cal., Dec. 31. (27 *same* 1894 (p. 122)—36 *same* 1903.)
No repts. 1896-1898.

1895. Comments on local cos. (28 *same* 1895: 4-5.)

——. Comment on the rate war. (28 *same* 1895: 7-8.)

——. Comments on life insurance policies, secret societies, and rebating. (28 *same* 1895: 8-11.)

1902. Remarks on legislation and taxation. (35 *same* 1902: 11-14.)

——. Remarks on publication of insurance laws. (35 *same* 1902: 14-15.)

——. Comments on co. examinations. (35 *same* 1902: 15.)

1903. Tabular stmt. showing amt. of risks written, premiums recd., losses paid, and ratio of losses to premiums, comparing business done by Cal. cos., cos. of other state, and cos. of foreign countries. (36 *same* 1903: 4.)

——. Comments on "unauthorized insurance" in this country. (36 *same* 1903: 12-14.)

Accident

1882-1890. Table showing business of accident, fidelity and casualty, and plate glass insurance cos., for yr. endg. Dec. 31, Cal. business. (15 A.R. insurance comr. 1882 (p. 19)—24 *same* 1891.)

1888. Stmt. of accident, fidelity, steam boiler, plate glass, and title insurance cos.; figures given collectively. (21 *same* 1888: 7.)

1891-1903. Table showing business of accident insurance cos., Cal. business. (24 *same* 1891 (pp. 9-19)—36 *same* 1903.)
No repts. 1896-1898.

1902. Remarks on condition of accident business for yr. (35 *same* 1902: 10.)

1903. Remarks on health and accident insurance during yr. (36 *same* 1903: 10.)

ASSESSMENT; see below, that title

INSURANCE—cont'd

Assessment

1886. Comments on assessment cos. in Cal. and other states. (19 A.R. insurance comr. 1886: 8-10.)

LIFE AND ACCIDENT

1886-1887. Recommendations re. necessary legislation regulating life and casualty insurance cos. conducted upon assessment or co-operative plan, and for enactment of law that will bring these cos. under jurisdiction of this dept. (19 A.R. insurance comr. 1886 (p. 8)—20 *same* 1887.)

1891-1895. Table showing business of assessment life, accident, and endowment insurance cos. for yr., Cal. business. (24 *same* 1891 (p. 21)—28 *same* 1895.)

1891-1902. Table summarizing assessment life insurance business in Cal. for past 12 yrs. (35 *same* 1902: 9.)

1894-1903. Tabular stmt. indicating business done in Cal., by assessment life and accident cos. during past 10 yrs. (36 *same* 1903: 9.)

1895. Table showing items composing assets, liabilities, incomes, and disbursements of assessment life and accident insurance cos. doing business in Cal., Dec. 31. (28 *same* 1895: 98-103.)

——. Table showing risks written, and risks terminated during yr. endg. Dec. 31, of assessment life and accident insurance cos. doing business in Cal. (28 *same* 1895: 104-105.)

——. Comments on assessment life insurance; life insurance policies; secret societies and rebating. (28 *same* 1895: 8-11.)

1899. Table showing various items composing disbursements of assessment life insurance cos. doing business in Cal., Dec. 31. (32 *same* 1899: 83.)

1899-1900. Table showing risks written and risks terminated during yr. endg. Dec. 31, of assessment life insurance cos. doing business in Cal. (32 *same* 1899 (p. 84)—33 *same* 1900.)

——. Table showing business of assessment life, and sick benefit insurance cos. for yr., Cal. business. (32 *same* 1899 (p. 17)—33 *same* 1900.)

1900-1902. Table showing various items composing assets, liabilities, incomes, and expenditures of assessment life insurance cos. doing business in Cal. Dec. 31. (33 *same* 1900 (pp. 81-82)—34 *same* 1902.)

1902. Table showing amt. of risks written, risks terminated, and risks in force at end of yr. of assessment life insurance cos. doing business in Cal., Dec. 31. (35 *same* 1902: 88.)

1903. Table showing various items composing assets, liabilities, incomes, and expenditures of assessment life and accident insurance cos. doing business in Cal., Dec. 31. (36 *same* 1903: 89-90.)

——. Table showing assets of risks written, risks terminated, and risks in force at end of yr. of assessment life and accident insurance cos. doing business in Cal., Dec. 31. (36 *same* 1903: 90.)

MUTUAL; see below, that title

Bond Investment; see below, Guarantee

Burglary

1899-1903. Table showing burglary insurance, Cal. business. (32 A.R. insurance comr. 1899 (p. 16)—36 *same* 1903.)

1902-1903. Remarks on condition of burglary insurance for yr. (35 *same* 1902 (p. 11)—36 *same* 1903.)

Casualty; see above, Accident

Co-operative; see Beneficiary Organizations

Credit Indemnity

1899-1903. Table showing credit indemnity insurance for yr., Cal. business. (32 A.R. insurance comr. (p. 17)—36 *same* 1903.)

INSURANCE—cont'd

Credit Indemnity—cont'd

1902-1903. Remarks on condition of credit indemnity insurance for yr. (35 *same* 1902 (p. 11)—36 *same* 1903.)

Deposits

1894. Recommendation re. law being enacted requiring a deposit of $200,000 of every foreign co. doing business in Cal.; deposit to be made either in Cal. or some state in Union, and to consist when deposit is made in state, of those securities in which insurance cos. are permitted to invest funds; to be made with state treasurer in trust for benefit of all policy-holders in U. S.; to be exchanged whenever necessary, and returned to co. when all liability ceases. (27 A.R. insurance comr. 1894: 5.)

1896. Stmt. showing amt. and kind of securities in state treasury at close of business June 30, deposited through state insurance comr. for benefit of policy-holders of various insurance cos. (A.R. state treasurer 1894/6: 58.)

1896/8-1902. Stmt. showing deposits with state treasurer, authorized by state insurance comr. (*Same* 1896/8 (p. 47)—bienn. rept. *same* 1900/2.)

1904. Stmt. showing deposits on hand, June 30, authorized by state insurance comr. to be held by state treasurer, for protection of policy-holders. (*Same* 1902/4: 81.)

Employers' Liability

1899-1903. Table showing business of employers' liability insurance cos. for yr., Cal. business. (32 A. R. insurance comr. 1899 (p. 15)—36 *same* 1903.)

1902-1903. Remarks on condition of employers' liability insurance. (35 *same* 1902 (p. 10)—36 *same* 1903.)

Endowment

1891-1895. See above, Assessment. Life and Accident

Expenditures for

1869-1873. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for expenses of insurance comr. (Bienn. rept. state controller 1867/9 (p. 63)—*same* 1871/3.)

1882-1904. Same; for insurance comr. (*Same* 1880/2 (p. 60)—*same* 1902/4.)

1888-1904. Stmt. of condition of insurance comr's. special fund. (*Same* 1886/8 (p. 85)—*same* 1902/4.)

Fidelity

1882-1890. See above, Accident; these dates.

1888. See same; this date.

1891-1895. Table showing business of fidelity, steam boiler, and plate glass insurance cos. for yr., Cal. business. (24 A.R. insurance comr. 1891 (p. 20)—28 *same* 1895.)

1899-1903. Table showing fidelity and surety business for yr., Cal. business. (32 *same* 1899 (p. 15)—36 *same* 1903.)

1902-1903. Remarks on condition of fidelity and surety insurance business for yr. (35 *same* 1902 (p. 10) —36 *same* 1903.)

Fire

1868-1870. Table showing average rate of premium recd. by Cal. insurance cos. on fire risks in force Dec. 31; also percentage of reserve for reinsurance on fire risks to the fire risks in force Dec. 31. (3 A.R. insurance comr. 1870: 5.)

1875-1891. Table showing average percentage of losses to premiums on fire risks for past 12 yrs. (19 *same* 1886 (p. 3)—24 *same* 1891.)

1875-1900. Table giving ratios of losses to premiums on fire risks for 12 yrs. (20 *same* 1887 (p. 3)—33 *same* 1900.)

No repts. 1896-1898.

INSURANCE—cont'd

Fire—cont'd

1875-1903. Comparative stmt. giving ratio of losses to premiums on fire risks for 29 yrs. (36 *same* 1903: 5.)

1876-1880. Table giving fire risks in force Dec. 31, cos. of foreign countries. (9 *same* 1876 (p. 48)—13 *same* 1880.)

1876-1894. Table showing business of fire cos. of foreign countries, Cal. business. (9 *same* 1876 (p. 14) —27 *same* 1894.)

——. Table giving fire risks in force Dec. 31, cos. of other states. (9 *same* 1876 (p. 47)—27 *same* 1894.)

1876-1903. Table showing fire business of cos. of other states for yr., Cal. business. (9 *same* 1876 (pp. 12-13)—36 *same* 1903.)

No repts. 1896-1898.

1877-1881. Table showing fire business of Cal. insurace cos. for yr., Cal. business. (10 *same* 1877 (p. 65)—14 *same* 1881.)

1881-1903. Table showing fire risks in force Dec. 31, cos. of foreign countries, Cal. business. (14 *same* 1881 (p. 12)—36 *same* 1903.)

No repts. 1896-1898.

1883-1902. Comparative table showing amt. collected in premiums and amt. paid out in losses by fire insurance cos. (35 *same* 1902: 4-5.)

1884-1903. Tabular stmt. giving premiums recd., losses paid, and ratio of losses to premiums for past 20 yrs. by fire insurance cos. (36 *same* 1903: 5.)

1886. Table giving no. of U. S. cos. doing fire business only, in state, during yr. (19 *same* 1886: 4.)

1894. Recommendation re. act authorizing sufficient amt. to be transferred, from fees paid by insurance cos. to special fund for use of insurance comr., and authorizing him to organize and maintain dept. and that distr. attys. of various cos. in which fires occurred be furnished with result of investigation. (26 *same* 1894: 5-6.)

1895-1903. Table showing fire risks in force in Cal., Dec. 31, cos. of other states. (28 *same* 1895 (p. 115)—36 *same* 1903.)

Ann. preliminary rept. 1895. No repts. 1896-1898.

——. Table showing fire business of cos. of foreign countries for yr., Cal. business. (28 *same* 1895 (p. 116)—36 *same* 1903.)

Ann. preliminary rept. 1895. No repts. 1896-1898.

1902. Comment on fire insurance and comparison of business done in 1902 with 1901. (35 *same* 1902: 5-6.)

——. Remarks on unusually heavy fire losses during yr.; the loss ratio for Pacific coast has been 65%, and that for Cal. 58%; fire business in Cal. for past 20 yrs. shows an average loss ratio of 43.9%. (35 *same* 1902: 14.)

1902-1903. Comparative stmt. giving amt. of fire insurance written by cos. during 1903, showing increase over 1902. (36 *same* 1903: 4.)

MUTUAL; see below, that title

Fire and Marine

The tabulations in this group are fairly continuous from 1876. From that yr. they are consecutive to 1880, 1882 or 1895. Betw. 1895 and 1899 there are no tabulations, and from 1899 they are consecutive to 1903.

1868. Table compiled from ann. stmts. of individual fire and marine insurance cos. transacting business in Cal., giving various percentages. (1 A.R. insurance comr. 1868: 61.)

——. Comparative table of Cal. fire and marine insurance cos., giving name of cos., capital paid, amt. of risks written, excess of income over expenditures, and comparative standing as to surplus, paid capital, etc. (1 *same* 1868: 28.)

INSURANCE—cont'd

Fire and Marine—cont'd

1868-1872. Ann. stmts. of individual Cal. fire and marine insurance cos. (1 *same* 1868 (pp. 89-107)—5 *same* 1872.)

——. Same; other states. (1 *same* 1868 (pp. 108-123)—5 *same* 1872.)

——. Table showing yr. of organization, location, name of pres., secy., agt., and atty. for Cal., date of license issued by insurance comr., and date of commencement of business in Cal. of fire and marine insurance cos. transacting business in state. (1 *same* 1868 (p. 37)—5 *same* 1872.)

——. Tables compiled from ann. stmts. of fire and marine insurance cos. transacting business in state, showing paid capital, assets, liabilities, income, expenditures, losses, risks written, and risks in force, Dec. 31. (1 *same* 1868 (pp. 38-41)—5 *same* 1872.)

——. Same; showing various items composing gross assets and liabilities of said cos. on Dec. 31. (1 *same* 1868 (pp. 42-49)—5 *same* 1872.)

——. Same; showing various items composing income of said cos. during yr. endg. Dec. 31. (1 *same* 1868 (pp. 50-53)—5 *same* 1872.)

——. Same; showing nature of expenditures of said cos. during yr. endg. Dec. 31. (1 *same* 1868 (pp. 54-57)—5 *same* 1872.)

——. Same; showing amt. of risks written, amt. of risks in force, average rate of premiums recd. on fire risks, percentage of assets to risks in force, and amt. of fire risks in force in state. (1 *same* 1868 (pp. 58-60)—5 *same* 1872.)

1869-1895. Table showing various items composing incomes of fire and fire and marine insurance cos. doing business in Cal., Dec. 31, cos. of other states. (9 *same* 1876 (pp. 70-73)—28 *same* 1895.)

1870. Complete list of fire and marine insurance cos. of other states and countries, authorized by certificates from this office and transacting business in Cal., Dec. 31. (3 *same* 1870: 6.)

——. List of fire and marine insurance cos. of other states and countries authorized to transact business in Cal. (3 *same* 1870: 5.)

1871. Rept. on fire and marine risks that have been written in Cal. during yr. (4 *same* 1871: 10-11.)

——. Rept. on losses of fire and marine insurance cos. in state, caused by Chicago fire and action of comr. of insurance cos. re. proper construction of portion of sec. 8, act of Mch. 26, 1868, referring to revoking of the certificate of authority of insolvent cos. with reference to these cos. and opinion of distr. court, approving this action. (4 *same* 1871: 3-9.)

1871-1872. Table showing business transacted in state during yr. endg. Dec. 31, by fire and marine insurance cos. (4 *same* 1871 (pp. 60-63)—5 *same* 1872.)

1872. Ann. stmts. of individual fire and marine cos. of foreign countries. (5 *same* 1872: 229-255.)

——. Recapitulation; all cos.; aggregates; table showing various items composing incomes of fire and fire and marine insurance cos. doing business in Cal. (5 *same* 1872: 69-70.)

——. Same; table showing various items composing gross liabilities (except capital stock). (5 *same* 1872: 67-68.)

——. Same; table showing various items composing gross assets. (5 *same* 1872: 65-66.)

——. Same; table showing summary of assets, liabilities, income, expenditures, etc., and amt. of surplus over capital stock, or amt. necessary to cover a deficiency in same. (5 *same* 1872: 73-74.)

——. Same; table showing various items composing expenditures. (5 *same* 1872: 71-72.)

——. Cos. of other states and foreign countries; table showing amt. of risks written, premiums recd., and amt. of risks in force Dec. 31, with premiums thereon. (5 *same* 1872: 75-78.)

INSURANCE—cont'd

Fire and Marine—cont'd

1872. Same; tables showing fire risks written during yr., fire risks in force; marine risks written during yr.; marine risks in force; and total amt. of fire and marine business written in Cal. during yr. (5 *same* 1872: 18-23.)

——. Cal. cos.; table giving summary of assets, liabilities, income, expenditures, etc., and amt. of surplus over capital stock, or amt. necessary to cover deficiency in same, of fire and marine insurance cos. doing business in Cal., Dec. 31. (5 *same* 1872: 32-33.)

——. Same; table showing various items composing liabilities, except capital stock, of cos. on Dec. 31. (5 *same* 1872: 26-27.)

——. Cos. of foreign countries; table showing various items composing gross assets of cos. doing business in Cal., Dec. 31. (5 *same* 1872: 48-49.)

——. Same; table showing various items composing the liabilities (except capital stock) of cos. in Cal., Dec. 31. (5 *same* 1872: 50-51.)

——. Same; table showing various items composing incomes of cos. doing business in Cal., Dec. 31. (5 *same* 1872: 52-53.)

——. Same; table showing various items composing the expenditures of cos. doing business in Cal., Dec. 31. (5 *same* 1872: 54-55.)

——. Same; table giving summary of the assets, liabilities, income, expenditures, etc., and amt. of surplus over capital stock, or amt. necessary to cover a deficiency in the same of cos. doing business in Cal., Dec. 31. (5 *same* 1872: 56-57.)

——. Cos. of other states; table giving summary of assets, liabilities, income, expenditures, etc., and amt. of surplus over capital stock, or amt. necessary to cover deficiency in same. (5 *same* 1872: 46-47.)

——. Same; table showing various items composing expenditures. (5 *same* 1872: 44-45.)

——. Same; table showing various items composing the incomes. (5 *same* 1872: 42-43.)

——. Same; table showing various items composing liabilities, except capital stock. (5 *same* 1872: 40-41.)

——. Same; table showing various items composing gross assets. (5 *same* 1872: 38-39.)

1872-1886. Table showing amt. of risks written and premiums recd. by each fire and marine co. (19 *same* 1886: 6.)

——. Table of fire and marine losses. (19 *same* 1886: 6.)

1876-1878. Recapitulation; all cos.; aggregates; table giving total amt. of fire and marine insurance in force in Cal. Dec. 31. (9 *same* 1876 (p. 49)—11 *same* 1878.)

1876-1879. Same; table giving total amt. of fire and marine business written in Cal. during yr. (9 *same* 1876 (p. 49)—12 *same* 1879.)

——. Same; table showing various items composing gross assets. (9 *same* 1876 (p. 103)—12 *same* 1879.)

——. Same; table showing various items composing expenditures. (9 *same* 1876 (p. 106)—12 *same* 1879.)

——. Same; table showing various items composing incomes. (9 *same* 1876 (p. 105)—12 *same* 1879.)

——. Same; table showing various items composing gross liabilities, except capital stock. (9 *same* 1876 (p. 104)—12 *same* 1879.)

——. Table showing fire and marine business of Cal. insurance cos. for yr., Cal. business. (9 *same* 1876 (p. 11)—12 *same* 1879.)

INSURANCE—cont'd

Fire and Marine—cont'd

——. Stmt. of assets, liabilities, income, expenditures, and amt. of surplus, as regards policy-holders (in U. S. currency) of cos. admitted to do business in Cal. since Jan. 1, 1877. (9 *same* 1876 (p. 118)—12 *same* 1879.)

——. Table showing yr. of organization, location, names of pres., secy. and agt., and atty. for Cal., date of certificate issued by insurance comr., date of commencement of business in Cal. of cos. authorized to transact business in state, Dec. 31. (9 *same* 1876 (pp. 43-45)—12 *same* 1879.)

1876-1880. Recapitulation; all cos.; aggregates; table showing amt. of risks written, premiums recd., and amt. of risks in force, Dec. 31, with premiums thereon, of cos. doing business in Cal. (9 *same* 1876 (p. 107)—13 *same* 1880.)

——. Same; summary of assets, liabilities, expenditures, etc., and amt. of surplus over capital stock, or amt. necessary to cover deficiency in same, of cos. doing business in Cal. (9 *same* 1876 (p. 102)—13 *same* 1880.)

——. Same; table showing amt. and description of risks in force Dec. 31. (9 *same* 1876 (p. 46)—13 *same* 1880.)

——. Same; table giving summary of assets, liabilities, income, expenditures, etc., and amt. of surplus over capital stock, or amt. necessary to cover deficiency in same. (9 *same* 1876 (p. 50)—13 *same* 1880.)

——. Same; table showing various items comprising the liabilities, except capital stock. (9 *same* 1876 (p. 52)—13 *same* 1880.)

1876-1882. Cos. of other states; table giving summary of assets, liabilities, expenditures, etc., and amt. of surplus over capital stock or amt. necessary to cover a deficiency in same of cos. doing business in Cal., Dec. 31. (9 *same* 1876 (pp. 58-61)—15 *same* 1882.)

——. Cos. of foreign countries; table giving summary of assets, liabilities, income, expenditures, etc., and amt. of surplus over capital stock, or amt. necessary to cover deficiency in same, of cos. doing business in Cal., Dec. 31; by cos. (9 *same* 1876 (pp. 82-83)—15 *same* 1882.)

1876-1895. Cos. of other states; table showing amt. of risks written, premiums recd., and amt. of risks in force Dec. 31, with premiums thereon. (9 *same* 1876 (pp. 78-81)—28 *same* 1895.)

——. Same; table showing various items composing gross assets. (9 *same* 1876 (pp. 62-65)—28 *same* 1895.)

——. Same; table giving various items composing the liabilities, except capital stock. (9 *same* 1876 (pp. 66-69)—28 *same* 1895.)

——. Same; table showing various items composing expenditures. (9 *same* 1876 (pp. 74-77)—28 *same* 1895.)

——. Cos. of foreign countries; table showing various items composing incomes. (9 *same* 1876 (pp. 88-89)—28 *same* 1895.)

——. Same; table showing various items composing expenditures. (9 *same* 1876 (pp. 90-91)—28 *same* 1895.)

——. Same; table showing amt. of risks written, premiums recd., and amt. of risks in force Dec. 31, with premiums thereon. (9 *same* 1876 (pp. 92-93)—28 *same* 1895.)

——. Same; table showing gross assets of cos. (9 *same* 1876 (pp. 84-85)—28 *same* 1895.)

——. Same; table showing various items composing liabilities, except capital stock. (9 *same* 1876 (pp. 86-87)—28 *same* 1895.)

INSURANCE—cont'd

Fire and Marine—cont'd

——. Cal. cos.; table showing various items composing gross assets. (9 *same* 1876 (p. 51)—28 *same* 1895.)

——. Same; table showing various items composing incomes. (9 *same* 1876 (p. 53)—28 *same* 1895.)

——. Same; table showing various items composing expenditures. (9 *same* 1876 (p. 54)—28 *same* 1895.)

——. Same; table showing amt. of risks written, premiums recd. and amt. of risks in force Dec. 31, with premiums thereon. (9 *same* 1876 (p. 55)—28 *same* 1895.)

1877. Stmt. showing amt. of fire and marine insurance done in state during yr. endg. Dec. 31, together with names and localities of several cos. transacting business. (10 *same* 1877: 163-164.)

1878-1885. Rept. showing amt. of fire, marine, and life insurance business transacted in state during yr. endg. Dec. 31, together with names and localities of cos. (11 *same* 1878 (pp. 3-4)—18 *same* 1885.)

——. Table showing yr. of organization, location, names of pres., secy., and agt. and atty. for Cal., and date of certificate of authority issued by insurance comr. and date of commencement of business in Cal. of fire, marine, and life insurance cos. authorized to transact business on Feb. 1. (11 *same* 1878 (pp. 17-19)—18 *same* 1885.)

1880. Rept. on act to regulate fire, marine, and inland insurance cos. transacting business in state. (Sen. jol. 23 sess. pp. 268-269.)

1880-1882. Recapitulation; all cos.; aggregates; table showing various items composing liabilities, except capital stock, of fire and marine insurance cos. doing business in Cal., Dec. 31. (13 A.R. insurance comr. 1880 (p. 92)—15 *same* 1882.)

1880-1895. Same; table showing various items composing the assets of fire and marine insurance cos. doing business in Cal., Dec. 31. (13 *same* 1880 (p. 91)—28 *same* 1895.)

——. Same; table showing various items composing expenditures of fire and marine insurance cos. doing business in Cal., Dec. 31. (13 *same* 1880 (p. 93)—28 *same* 1895.)

——. Same; table showing various items composing incomes of fire and marine insurance cos. doing business in Cal., Dec. 31. (13 *same* 1880 (p. 93)—28 *same* 1895.)

1881-1883. Table giving summary of assets, liabilities, income, expenditures, etc., and amt. of surplus over capital stock of fire and marine insurance cos. doing business in Cal., Dec. 31; by cos. (14 *same* 1881 (p. 96)—16 *same* 1883.)

1881-1895. Table showing amt. of risks written, premiums recd., and amt. of risks in force Dec. 31, with premiums thereon, of fire and marine insurance cos. doing business in Cal.; by cos. (4 *same* 1881 (p. 100)—28 *same* 1895.)

——. Cal. cos.; table showing various items composing liabilities, except capital stock, of fire and marine insurance cos. doing business in Cal., Dec. 31. (14 *same* 1881 (p. 42)—28 *same* 1895.)

——. Same; table giving summary of assets, liabilities, income, expenditures, etc., and amt. of surplus over capital stock, of fire and marine insurance cos. doing business in Cal., Dec. 31. (14 *same* 1881 (p. 40)—28 *same* 1895.)

1883-1895. Recapitulation; cos. of other states; table giving summary of assets, liabilities, income, expenditures, etc., and amt. of surplus over capital stock of cos. doing business in Cal., Dec. 31. (16 *same* 1883 (pp. 49-52)—28 *same* 1895.)

INSURANCE—cont'd

Fire and Marine—cont'd

——. Recapitulation; cos. of foreign countries; table giving summary of assets, liabilities, income, expenditures, etc., and net surplus of cos. doing business in Cal., Dec. 31. (16 *same* 1883 (pp. 73-74)—28 *same* 1895.)

——. Recapitulation; all cos.; aggregates; table showing various items composing liabilities of cos. doing business in Cal., Dec. 31. (16 *same* 1883 (p. 98)—28 *same* 1895.)

1884-1895. Same; table giving summary of assets, liabilities, income, expenditures, etc., of cos. doing business in Cal., Dec. 31. (17 *same* 1884 (p. 92)—28 *same* 1895.)

1886. Summary showing fire and marine business transacted in state for yr. 1886. (19 *same* 1886: 6-7.)

——. Table giving no. of U. S. cos. doing fire and marine business only, in state, also no. in U. S.; cos. doing marine business only, in state. (19 *same* 1886: 4.)

——. Tables giving foreign cos. doing fire and marine business only, in state; also foreign cos. doing marine business only, in state. (19 *same* 1886: 5.)

1887. Table giving fire and marine business transacted in state, cos. of Cal., other states, and foreign countries. (20 *same* 1887: 4-5.)

——. Comments on condition of fire and marine cos., life cos., title insurance cos. (20 *same* 1887: 5-6.)

1896-1898. For these yrs. no repts. were prtd.

1899. Cos. of foreign countries; table showing various items composing liabilities, except capital stock, of cos. doing business in Cal., Dec. 31. (32 *same* 1899: 48-49.)

1899-1903. Recapitulation; all cos.; aggregates; table showing various items composing liabilities of fire and marine insurance cos. doing business in Cal., Dec. 31. (32 *same* 1899 (p. 63)—36 *same* 1903.)

——. Same; table showing various items composing incomes. (32 *same* 1899 (p. 64)—36 *same* 1903.)

——. Same; table showing amt. of risks written, premiums recd., and amt. of risks in force on Dec. 31, with premiums thereon. (32 *same* 1899 (p. 65)—36 *same* 1903.)

——. Same; table showing various items composing expenditures. (32 *same* 1899 (p. 64)—36 *same* 1903.)

——. Same; table showing various items composing assets. (32 *same* 1899 (p. 62)—36 *same* 1903.)

——. Same; summary of assets, liabilities, income, expenditures. (32 *same* 1899 (p. 62)—36 *same* 1903.)

——. Cal. cos.; table showing assets, liabilities, expenditures, etc., of fire and fire and marine insurance cos. doing business in Cal., Dec. 31. (32 *same* 1899 (p. 22)—36 *same* 1903.)

——. Same; table showing various items composing assets. (32 *same* 1899 (p. 22)—36 *same* 1903.)

——. Same; table showing amt. of risks written, premiums recd., amt. of risks in force Dec. 31, with premiums thereon. (32 *same* 1899 (p. 24)—36 *same* 1903.)

——. Same; table showing various items composing expenditures. (32 *same* 1899 (p. 23)—36 *same* 1903.)

——. Same; table showing various items composing incomes. (32 *same* 1899 (p. 23)—36 *same* 1903.)

——. Cos. of other states; table giving summary of assets, liabilities, income, expenditures, etc., and amt. of surplus over capital stock, of cos. doing business in Cal., Dec. 31. (32 *same* 1899 (pp. 24-25)—36 *same* 1903.)

INSURANCE—cont'd

Fire and Marine—cont'd

——. Same; table showing various items composing incomes. (32 *same* 1899 (pp. 34-35)—36 *same* 1903.)

——. Same; table showing various items composing liabilities. (32 *same* 1899 (pp. 30-33)—36 *same* 1903.)

——. Same; table showing various items composing assets. (32 *same* 1899 (pp. 26-29)—36 *same* 1903.)

——. Same; table showing various items composing expenditures. (32 *same* 1899 (pp. 36-39)—36 *same* 1903.)

——. Same; table showing amt. of risks written, premiums recd., and amt. of risks in force Dec. 31, with premiums thereon. (32 *same* 1899 (pp. 40-43)—36 *same* 1903.)

——. Cos. of foreign countries; table showing various items composing assets of cos. doing business in Cal., Dec. 31. (32 *same* 1899 (pp. 46-47)—36 *same* 1903.)

——. Same; table showing various items composing incomes of cos. doing business in Cal., Dec. 31. (32 *same* 1899 (p. 50)—36 *same* 1903.)

——. Same; table showing various items composing expenditures of cos. doing business in Cal., Dec. 31. (32 *same* 1899 (pp. 51-52)—36 *same* 1903.)

——. Same; table showing amt. of risks written, premiums recd., and amt. of risks in force Dec. 31, with premiums thereon of cos. doing business in Cal. (32 *same* 1899 (pp. 53-54)—36 *same* 1903.)

1900-1903. Same; table showing various items composing liabilities, except capital stock, of cos. doing business in Cal., Dec. 31. (33 *same* 1900 (pp. 48-49)—36 *same* 1903.)

——. Same; table giving summary of assets, liabilities, income, expenditures, etc., and net surplus of cos. doing business in Cal., Dec. 31. (32 *same* 1899 (pp. 44-45)—36 *same* 1903.)

——. Cal. cos.; table showing various items composing liabilities, except capital stock, of cos. doing business in Cal., Dec. 31. (33 *same* 1900 (p. 22)—36 *same* 1903.)

Guarantee Companies; see Investment Companies

Health; see above, Accident. 1903

Laws

1868. Statutory laws relating to insurance. 128 pp.

1873. Insurance laws of Cal., in force Jan. 1. 92 pp.
Not seen; entry from Suppl. Cat. Law Dept. Cal. State Library, 1893.

1904. Insurance laws of Cal. 143 pp.

Life

1868. List of life insurance cos. transacting business in state at time of organization of office. (1 A.R. insurance comr. 1868: 32.)

——. List of life cos. admitted to transact business in state since office was organized. (1 *same* 1868: 32.)

1868-1871. Table compiled from ann. stmts. of life insurance cos. transacting business in Cal., showing capital, assets, liabilities, income, expenditures, losses, etc., of said cos. on Dec. 31. (1 *same* 1868 (pp. 64-65)—4 *same* 1871.)

1868-1872. Same; showing various items composing income of said cos. during yr. endg. Dec. 31. (1 *same* 1868 (pp. 74-75)—5 *same* 1872.)

——. Same; showing various items composing liabilities of said cos. on Dec. 31. (1 *same* 1868 (pp. 70-73)—5 *same* 1872.)

——. Same; showing various items composing assets of said cos., Dec. 31. (1 *same* 1868 (pp. 66-69)—5 *same* 1872.)

INSURANCE—cont'd

Life—cont'd

——. Same; showing no. of policies issued during yr. by said cos., amts. insured thereby, average amt. of said policies, and amt. of policies in force Dec. 31. (1 *same* 1868 (pp. 80-81)—5 *same* 1872.)

——. Same; showing various items composing expenditures of said cos. during yr. endg. Dec. 31. (1 *same* 1868 (pp. 76-79)—5 *same* 1872.)

——. Ann. stmts. of individual life insurance cos. (1 *same* 1868 (pp. 124-125)—5 *same* 1872.)

——. Table showing yr. of organization, location, names of pres., secy., and atty. for Cal., date of license issued by insurance comr. and date of commencement of business in Cal. of life insurance cos. transacting business in state, Dec. 31. (1 *same* 1868 (pp. 62-63)—5 *same* 1872.)

1870. Complete list of life insurance cos. of other states transacting business in Cal., Dec. 31. (3 *same* 1870: 7.)

——. List of life insurance cos. withdrawn from state during yr. (3 *same* 1870: 7.)

——. List of life insurance cos. of other states admitted to state during yr. (3 *same* 1870: 6.)

1871. Table showing business transacted in state during yr. endg. Dec. 31, by life insurance cos. (4 *same* 1871: 108-109.)

1872. Table showing no. and amt. of policies which have ceased to be in force during yr., with mode of their termination. (5 *same* 1872: 120-123.)

——. Table showing no. and amt. of policies, including additions, in force at end of previous yr., and exhibit of policies issued and of those which have ceased to be in force at end of yr. (5 *same* 1872: 118-119.)

——. Recommendation re. law which shall compel insertion into every policy of life insurance issued within state by co. belonging to other states or countries, a covenant with the insured that if, for any reason, the co. shall discontinue business in Cal. during pendency of such policy, the assurant shall be entitled to recover from co. a prescribed per centum of present value of policy. (5 *same* 1872: 8-9.)

——. Table showing assets, liabilities, insurance reserve, and total of premium notes and deferred and uncollected premiums, and ratios of same, of life insurance cos. doing business in Cal., Dec. 31. (5 *same* 1872: 112-115.)

——. Same; assets, liabilities, reinsurance reserve, and amt. of interest-bearing investments, and surplus or deficiency of same, as compared with reserve liability of life insurance cos. doing business in Cal., Dec. 31. (5 *same* 1872: 102-105.)

——. Same; total admitted assets, reinsurance reserve, and premium note accts. and ratios of same to assets and reserve. (5 *same* 1872: 106-111.)

1876. Same; new policies written during yr., policies renewed, and amt. of policies in force Dec. 31, of life insurance cos. doing business in Cal. (9 *same* 1876: 57.)

——. Stmt. of life cos. authorized to transact general business in state. (9 *same* 1876: 5.)

——. Ann. stmts. of individual life insurance cos. of other states doing business in Cal. (9 *same* 1876: 119-134.)

1876-1877. Table showing assets, liabilities, reinsurance reserve, and amt. of interest-bearing investments, and surplus or deficiency of same, as compared with reserved liability of life insurance cos. in Cal., Dec. 31. (9 *same* 1876 (p. 112)—10 *same* 1877.)

——. Same; yr., organization, location, names of pres., secy., and agt. and atty. for Cal. and date of certificate of authority issued by insurance comr., and date of commencement of business in Cal. of life insurance cos. authorized to transact business on Feb. 1. (9 *same* 1876 (p. 56)—10 *same* 1877.)

1876-1879. Same; admitted assets and reinsurance reserve, and total of premium notes and deferred and uncollected premiums, and ratios of same, of life insurance cos. doing business in Cal., Dec. 31. (9 *same* 1876 (p. 115)—12 *same* 1879.)

——. Same; total and premium income, and amt. of deferred and uncollected premiums, and ratios of same to premium income, of life insurance cos. doing business in Cal., Dec. 31. (9 *same* 1876 (p. 114)—12 *same* 1879.)

——. Same; total admitted assets, reinsurance reserve, and premium note accts.; and ratios of same, to assets and reserve, of life insurance cos. doing business in Cal., Dec. 31. (9 *same* 1876 (p. 113)—12 *same* 1879.)

1876-1903. Same; various items composing expenditures of life insurance cos. doing business in Cal., Dec. 31. (9 *same* 1876 (p. 111)—36 *same* 1903.)
No repts. 1896-1898.

——. Same; various items composing incomes of life insurance cos. doing business in Cal., Dec. 31. (9 *same* 1876 (p. 110)—36 *same* 1903.)
No repts. 1896-1898.

——. Same; various items composing liabilities, capital not included, of life insurance cos. doing business in Cal., Dec. 31. (9 *same* 1876 (p. 109)—36 *same* 1903.)
No repts. 1896-1898.

——. Same; various items composing assets of life insurance cos. doing business in Cal., Dec. 31. (9 *same* 1876 (p. 108)—36 *same* 1903.)
No repts. 1896-1898.

1878-1879. Same; assets, liabilities, and reinsurance reserve of life insurance cos. doing business in Cal., Dec. 31. (11 *same* 1878 (p. 100)—12 *same* 1879.)

1878-1903. Same; new policies written during yr., policies renewed, and amt. of policies in force, Dec. 31, of life insurance cos. doing business in Cal., Cal. business. (11 *same* 1878 (p. 15)—36 *same* 1903.)
No repts. 1896-1898.

1883-1903. Comparative table showing premiums recd. in Cal. during past 20 yrs. by life insurance cos., and losses and endowments paid by them. (35 *same* 1902 (pp. 8-9)—36 *same* 1903.)

1885-1903. Table showing no. and amt. of policies which have ceased to be in force during yr. with mode of termination of life insurance cos. doing business in Cal., Dec. 31. (18 *same* 1885 (pp. 119-120)—36 *same* 1903.)
No repts. 1896-1898.

——. Same; no. and amt. of policies, including additions, in force at end of previous yr., and an exhibit of policies issued, and of those which have ceased to be in force during yr. and those in force at end of yr., of life insurance cos. doing business in Cal., Dec. 31. (18 *same* 1885 (pp. 117-118)—36 *same* 1903.)
No repts. 1896-1898.

1886. Table giving no. of U. S. cos., life cos. (19 *same* 1886: 4.)

1887. See above, Fire and Marine; this date.

——. Suggestion that standard for valuation of life insurance policies should be advanced from 4½% to 4% with adoption of the Combined Experience or Actuaries Table of Mortality. (20 *same* 1887: 7.)

1888. On act to amend sec. 447 of civil code of state, re. valuation of policies of life insurance. (21 *same* 1888: 128.)

INSURANCE—cont'd

Life—cont'd

1891-1894. Table showing risks written and risks terminated during yr. and certificates in force Dec. 31, of all assessment life, accident, and endowment assns. authorized to do business in state. (24 *same* 1891 (p. 125)—27 *same* 1894.)

——. Same; incomes and expenditures during yr. 1891, and financial condition on Dec. 31, of all assessment, life, accident, and endowment assns. authorized to do business in state. (24 *same* 1891 (pp. 123-124)—27 *same* 1894.)

1894. Comments on cost of life insurance. (27 *same* 1894: 39-41.)

1902. Summary showing life business for yr., indicating amt. of risks written, premiums recd., losses paid, and ratio of losses to premiums as to Cal. cos., cos. of other states, and foreign countries. (35 *same* 1902: 4.)

——. Summary showing more fully the conditions of life insurance business for past yr. (35 *same* 1902: 8.)

1902-1903. Comments on life insurance, assessment cos. (35 *same* 1902 (p. 9)—36 *same* 1903.)

——. Same; level-premium cos. (35 *same* 1902 (pp. 7-8)—36 *same* 1903.)

1903. Tabular summary of life insurance business for yr., ordinary life business and industrial business. (36 *same* 1903: 8.)

ASSESSMENT; see above, that title

Marine

See also above, Fire and Marine.

1871. List of marine insurance cos. admitted during yr. to transact business in Cal. (4 A.R. insurance comr. 1871: 9.)

——. Ann. stmts. of individual marine cos. of foreign countries. (5 *same* 1872: 257-273.)

——. Tables showing various items composing gross assets, liabilities (except capital stock), incomes, expenditures, risks written, premiums recd., and amt. of risks in force, of marine insurance cos. doing business in Cal., Dec. 31. (5 *same* 1872: 58-64.)

——. Same; summary of assets, liabilities, income, expenditures, etc., and amt. of surplus over capital stock, or amt. necessary to cover deficiency in same, of marine insurance cos. doing business in Cal., Dec. 31. (5 *same* 1872: 63.)

1876. Same; business of marine cos. of foreign countries for 1876, Cal. business. (9 *same* 1876: 15.)

——. Same; various items composing expenditures of marine insurance cos. doing business in Cal., Dec. 31. (9 *same* 1876 (p. 100)—28 *same* 1895.)

——. Citation from decision of Supreme Court of U. S. affirming justice of act of sec. 451, Mch. 30, 1874, re. valuation of surrendered policies, and recommendation for amdmt. of sec. 451, to conform to principles laid down by court. (9 *same* 1876: 5-7.)

1876-1880. Stmt. giving cos. authorized to collect renewal premiums only. (9 *same* 1876 (p. 5)—13 *same* 1880.)

No repts. 1877-1879.

——. Table giving marine risks in force Dec. 31. (9 *same* 1876 (p. 48)—13 *same* 1880.)

1876-1881. Same; summary of assets, liabilities, income, expenditures, etc., and amt. of surplus over capital stock, or amt. necessary to cover deficiency in same, of marine insurance cos. doing business in Cal., Dec. 31. (9 *same* 1876 (pp. 94-95)—14 *same* 1881.)

1876-1884. Same; no. and amt. of policies which have ceased to be in force during yr. with mode of their termination, cos. doing business in Cal., Dec. 31. (9 *same* 1876 (p. 117)—17 *same* 1884.)

INSURANCE—cont'd

Marine—cont'd

1876-1885. Same; no. and amt. of policies, including additions, in force at end of previous yr. and exhibit of policies issued and of those which have ceased to be in force during yr. and of those in force at end of yr., cos. doing business in Cal., Dec. 31. (9 *same* 1876 (p. 116)—18 *same* 1885.)

——. Tables showing various items composing gross assets, liabilities, incomes, risks written, premiums recd., and amt. of risks in force, of marine insurance cos. doing business in Cal., Dec. 31. (9 *same* 1876 (pp. 96-101)—28 *same* 1895.)

1877-1880. Table showing business of marine cos. for yr., Cal. business. (10 *same* 1877 (p. 173)—13 *same* 1880.)

1877-1887. Same; marine business of Cal. insurance cos. for yr., Cal. business. (10 *same* 1877 (p. 166)—20 *same* 1887.)

1881-1885. Same; marine risks in force on Dec. 31, Cal. business. (14 *same* 1881 (p. 15)—18 *same* 1885.)

1882-1885. Same; summary of assets, liabilities, income, expenditures, etc., and amt. of surplus over capital stock, of marine insurance cos. doing business in Cal., Dec. 31. (15 *same* 1882 (pp. 92-93)—18 *same* 1885.)

1883-1903. Same; premiums recd., losses paid, and ratio of losses to premiums in state by marine insurance cos. (35 *same* 1902 (p. 7)—36 *same* 1903.)

1886. See above, Fire and Marine, this date; two out of the three titles.

1886-1887. Table showing marine risks in force, of foreign cos., Dec. 31, Cal. business. (19 A.R. insurance comr. 1886 (p. 23)—20 *same* 1887.)

1886-1895. Summary of assets, liabilities, income, expenditures, etc., of marine insurance cos. doing business in Cal., Dec. 31. (19 *same* 1886 (pp. 102-103)—28 *same* 1895.)

1887. See above, Fire and Marine; this date.

1888-1891. Table showing marine risks in force, of foreign cos. and cos. of other states, Dec. 31, Cal. business. (21 A.R. insurance comr. 1888 (p. 22)—24 *same* 1891.)

1888-1903. Same; business of marine cos. for yr., Cal. business. (21 *same* 1888 (p. 20)—36 *same* 1903.)

No repts. 1896-1898.

1892-1900. Same; marine risks in force Dec. 31, Cal. business. (25 *same* 1892 (p. 15)—33 *same* 1900.)

No repts. 1896-1898.

1896-1898. For these yrs. no repts. were prtd.

1899-1903. Table showing various items composing incomes of marine insurance cos. doing business in Cal., Dec. 31. (32 *same* 1899 (p. 59)—36 *same* 1903.)

——. Tables showing various items composing expenditures, risks written, premiums recd., and amt. of risks in force, assets, and liabilities, of marine cos. doing business in Cal., Dec. 31. (32 *same* 1899 (pp. 56-61)—36 *same* 1903.)

——. Summary of assets, liabilities, income, expenditures, etc., of marine cos. doing business in Cal., Dec. 31. (32 *same* 1899 (p. 55)—36 *same* 1903.)

1902. Summary giving business of marine insurance transacted in state during yr. and comparing business done in cos. of Cal., those of other states, and those of foreign countries. (35 *same* 1902: 6-7.)

——. Comment on marine insurance, and list of new marine cos. admitted to state. (35 *same* 1902: 5-6.)

1902-1903. Table showing marine risks in force in other than Cal. cos. Dec. 31, Cal. business. (35 *same* 1902 (p. 25)—36 *same* 1903.)

INSURANCE—cont'd

Marine—cont'd

1903. Remarks on marine insurance; also summary showing marine business for yr., giving amt. of risks written, premiums recd., losses paid, and ratios of losses to premiums of Cal. cos., cos. of other states and foreign countries. (36 *same* 1903: 6.)

Mutual

1894. On assessment insurance; growth of mutual assessment, life and accident business, and suggestion for its adoption. (26 A.R. insurance comr. 1894: 7.)

1899-1902. Table showing business of Cal. county mutual fire insurance cos. for yr. (32 *same* 1899 (p. 6)—36 *same* 1903.)

1902. Comments on mutual reserve litigation. (35 *same* 1902: 15.)

1903. Remarks on county fire mutuals. (36 *same* 1903: 5.)

Plate Glass

1880. Table showing business of plate glass insurance cos. for yr., Cal. business. (13 A.R. insurance comr. 1880: 15.)

1882-1890. See above, Accident; these dates.

1888. See same; this date.

1891-1895. See above, Fidelity; these dates.

1899-1903. Table showing plate glass insurance for yr., Cal. business. (32 A.R. insurance comr. 1899 (p. 16)—36 *same* 1903.)

1903. Remarks on plate glass insurance for yr. (36 *same* 1903: 10.)

Revenue from

FEES, LICENSES, AND TAXES

1868. Stmt. showing fees collected by insurance comr. during yr. endg. Dec. 31, from whom and for what purpose such fees were collected. (1 A.R. insurance comr. 1868: 82-85.)

1870-1872. Same; fees, licenses, taxes, and assessments. (3 *same* 1870 (pp. 98-101)—5 *same* 1872.)

1876. Same; fees, licenses, taxes, and assessments; life cos. (9 *same* 1876: 135.)

1877-1884. Same; office collections showing amts. collected from different cos. for yr. endg. Dec. 31. (10 *same* 1877 (pp. 269-270)—17 *same* 1884.)

1877-1903. Itemized stmt. of receipts and expenditures of office for yr. (10 *same* 1877 (p. 77)—36 *same* 1903.)

No repts. 1896-1898.

1883-1902. Tabular stmt. showing amt. of fees and taxes paid by cos. to state. (35 *same* 1902: 13.)

1885-1903. Stmt. of office collections, showing amts. collected from different cos. for yr. endg. Dec. 31, for filing and certifying copies of papers, taxes, and substitution of securities. (18 *same* 1885 (pp. 121-122)—36 *same* 1903.)

Steam Boiler

1888. See above, Accident; this date.

1891-1895. See above, Fidelity; these dates.

1899-1903. Table showing steam boiler insurance for yr. (32 A.R. insurance comr. 1899 (p. 16)—36 *same* 1903.)

1902-1903. Remarks on condition of steam boiler insurance for yr. (35 *same* 1902 (p. 11)—36 *same* 1903.)

Surety; see above, Fidelity

Title

1887. See above, Fire and Marine; this date.

1888. See above, Accident; this date.

1895. Comments on title insurance. (28 A.R. insurance comr. 1895: 3-4.)

1899-1903. Table showing title insurance for yr., Cal. business. (32 *same* 1899 (p. 16)—36 *same* 1903.)

1902-1903. Remarks on condition of title insurance for yr. (35 *same* 1902 (pp. 10-11)—36 *same* 1903.)

Taxation; see that title

INSURANCE: INDIVIDUAL COMPANIES

The Cal. insurance repts. do not include full stmts. of individual cos. From 1868 to 1872 such repts. were made a part of the insurance repts. for life and fire and marine cos. In 1876 such repts. for life insurance cos. of other states were included. These are the only individual repts. made.

Builders' Insurance Company

1868. Stmt. showing brief condition of affairs of co. on May 31. (1 A.R. insurance comr. 1868: 17-19.)

——. The case of the People vs. the Builders' Insurance Co. (1 *same* 1868: 19-26.)

California Insurance Company

1870. Rept. on increase in capital of Cal. Insurance Co. and the People's Insurance Co. (3 A.R. insurance comr. 1870: 4.)

Commercial Insurance Company; see below, State Investment, etc., Company

Home Mutual Insurance Company

1870. Rept. on reorganization of co. (3 A.R. insurance comr. 1870: 3-4.)

Lloyds

1894. Recommendation for enactment of statute imposing same conditions, and no more, upon the Llyods as are imposed upon insurance cos. of other states admitted to do business in Cal. (26 A.R. insurance comr. 1894: 9.)

National Insurance Company

1868. Res. providing for retirement of National Insurance Co., S. F.; also S. F. Insurance Co., with reasons for withdrawal of these two cos. (1 A.R. insurance comr. 1868: 9-14.)

National Surety Company

1894. Comments on co. and recommendation for more stringent laws on subject. (27 A.R. insurance comr. 1894: 35-36.)

Oakland Home Insurance Company

1893. Comments on affairs of co. (26 A.R. insurance comr. 1893: 19.)

San Francisco Insurance Company; see above, National Insurance Company

State Investment and Insurance Company

1871. Rept. on organization of two local fire and marine insurance cos., State Investment and Insurance Co. and Commercial Insurance Co. of Cal., both located at S. F. (4 A.R. insurance comr. 1871: 9-10.)

1892. Investigations and examinations of State Investment and Insurance Co., and comments on same. (25 *same* 1892: 20.)

Sun Fire Office Company

1885. Comments on failure of Sun Fire Office Co. of London, Eng., to comply with law governing foreign insurance cos. in Cal. (18 A.R. insurance comr. 1885: 19-22.)

INTEREST

1851. Review of evils of existing unlimited rates of interest, urging restriction of same. (Govs. ann. mess. 1851.)

1856. Rept. agst. proposed restriction of legal interest to 16%, reviewing benefits of unlimited interest. (Sen. jol. 1856: 248-251.)

1858. Govs. mess. recommending change in usury law so that when attachments are levied upon property of absconding or failing debtor, proceeds shall be distributed pro rata amongst creditors; table showing rates of interest in various states. (*Same* 9 sess. pp. 189-191.)

1859. Minority rept. of judiciary committee upon bill re. interest on money and to prevent usury. (Assem. jol. 10 sess. pp. 170-171.)

INTEREST FUND; see FINANCE: STATE. FUNDS

INTERSTATE COMMERCE; see COMMERCE, ETC.

INVESTMENT COMPANIES
1894. Comment on fraudulent bond investment or guarantee cos. (27 A.R. insurance comr. 1894: 6-7; 36-37.)
1900-1904. Actions taken to restrain bond investment cos. from doing business in state. (Rept. atty. gen. 1900/2 (pp. 8-9)—*same* 1902/4.)

INYO COUNTY (1866)
Antimony Mining
1892/4-1894/6. See Natural Resources. Mineral. Antimony; these dates.
Assessors; see Taxation: State
Borax in
1892/4-1894/6. See Natural Resources. Mineral. Borax; these dates.
Bullion Production
1885. See Natural Resources. Mineral. Production; this date.
Galena Mining
1892/4-1894/6. See Natural Resources. Mineral. Galena; these dates.
Gold in
1881. See Natural Resources. Mineral; this date.
1892-1895. See same; these dates.
1892/4-1894/6. See same; these dates.
Iron in
1892/4-1894/6. See Natural Resources. Mineral. Iron; these dates.
Lime in; see Natural Resources. Mineral
Limestone in; see Natural Resources. Mineral
Marble in; see Natural Resources. Mineral
Mineral Springs in; see Natural Resources
Minerals; see Natural Resources
Mines
1879/80. See Mineral Resources. Mineral. Production; this date.
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Silver in; see Natural Resources. Mineral. Silver
Soda Produce; see Natural Resources. Mineral

IOWA HILL
Climate; see that title
Rainfall; see Climate

IRON; see NATURAL RESOURCES. MINERAL

IRRIGATION; see LAND

JACKSON
Rainfall; see Climate

JAILS; see MAINTENANCE: COUNTY

JAPANESE
Education; see Education. Aliens
Labor; see Labor. Alien

JUSTICE, ADMINISTRATION OF; see ADMINISTRATION, ETC.

JUTE
Crop; see Agriculture. Crops

JUTE FUND; see LABOR. CONVICT LABOR

KEELER
Climate; see that title

KERN COUNTY (1866)
Antimony
1892/4-1894/6. See Natural Resources. Mineral. Antimony; these dates.
Artesian Wells; see Natural Resources
Asphaltum in; see Natural Resources. Mineral
Bullion Production
1885. See Natural Resources. Mineral. Production; this date.
Clay in; see Natural Resources. Mineral
Gold
1881. See Natural Resources. Mineral. Gold; this date.
1892-1895. See same; these dates.
1892/4-1894/6. See same; these dates.
Gypsum
1892/4-1894/6. See Natural Resources. Mineral. Gypsum; these dates.
Horticultural Board; see Agriculture. Horticultural Commissions
Irrigation; see Land. Irrigation
Lime in; see Natural Resources. Mineral
Limestone in; see Natural Resources. Mineral
Marble in; see Natural Resources. Mineral
Mineral Springs in; see Natural Resources
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Mining and Irrigating Canals
1894/6. See Industries, etc. Mining Canals, etc.; these dates.
Natural Gas in; see Natural Resources
Petroleum in; see Natural Resources. Mineral
Railroad Aid; see Railroads. Public Aid
Silver
1892-1895. See Natural Resources. Mineral. Silver; these dates.
1892/4. See same; these dates.
Sulphur in; see Natural Resources. Mineral

KINDERGARTENS; see EDUCATION

KINGS COUNTY (1893)
Artesian Wells; see Natural Resources
Gypsum
1892/4-1894/6. See Natural Resources. Mineral. Gypsum; these dates.
Horticultural Board; see Agriculture. Horticultural Commissions
Mining and Irrigating Canals
1894/6. See Industries, etc. Mining Canals, etc.; these dates.
Natural Gas in; see Natural Resources

KLAMATH COUNTY (1851-1874)
Assessors; see Taxation: State
Indian Depredations; see War Expenditures

KLAMATH RIVER; see RIVER CONSERVANCY

LA GRANGE
Climate; see that title

LABOR

serial

Under Act of March 3, 1883.

1883/4-1902/4. Bienn. rept. of bureau of labor statistics, 1-11.

In Collected docs. as follows:

1. 1883/4 in App. to jols. 26 sess. v. 4 unnum. doc.
2. 1885/6 " " " " 27 " v. 7 " "
3. 1887/8 " " " " 28 " v. 5 " "
4. 1889/90 " " " " 29 " v. 8 " "
5. 1891/2 " " " " 30 " v. 2 " "
6. 1893/4 not published in any form.
7. 1895/6 in App. to jols. 32 sess. v. 7 doc. [3].
8. 1897/8 not published in any form.
9. 1899/00 in App. to jols. 34 sess. v. 3 doc. [2].
10. 1901/2 " " " " 35 " v. 2 " [21].

non-serial

1866. Two causes which have combined to retard progress in mnfg. interest: scarcity of operations and high price of labor. (Trans. state agric. socy. 1866/7: 86.)

1871. The needs of Cal. are cheap capital and cheap labor. (*Same* 1870/1: 79.)

1896. Bull. of Bureau of Labor Statistics; proposed labor laws. 29 pp.

Not seen; entry from Bowker.

1899. Rept. on bureau of labor statistics. (Rept. of committee to make examination of state institutions 1899: 167-168.)

——. Same; in App. to jols. 33 sess. v. 2.

1902. Comments on enforcement of some of the labor laws of Cal.: the 8-hr. law; law as to sanitary condition of work shops, etc.; employment agencies; non-payment of wages; mo. pay-day law; law relative to employment of minors. (10 bienn. rept. labor statistics 1901/2: 32-45.)

1902-1904. Legislation re. labor statistics. (10 *same* 1901/2 (pp. 5-9)—11 *same* 1904.)

Agriculture

1883. The labor problem as relates to the farm in Cal.; Chinese labor. (Trans. state agric. socy. 1882: 19-20.)

1884. The labor problem. (2 A.R. chief executive vitic. officer 1882/4: 27-29.)

1886. The labor question: the Chinese. (Trans. state agric. socy. 1886: 200-201.)

——. Stmt. of J. S. Enos to Cal. Hortic. Socy., in reply to communication upon advisability of displacing Chinese in orchards, vineyards, and hop yards of state. 21 pp. (Labor statistics bureau.)

1902. Agric. labor in state of Cal. (10 bienn. rept. labor statistics 1901/2: 10-15.)

——. Cal. fruit-grower, and the labor supply. (8 bienn. rept. bd. hortic. 1901/2: 268-269.)

——. Paper on labor question in vineyards and orchards; discussion. (8 *same* 1901/2: 393-398.)

1904. Rept. of Cal. Employment Committee. (1 bienn. rept. comr. hortic. 1903/4: 387-388.)

WAGES; see below, that title

Aliens

CHINESE

See also above, Agriculture, and below, Mines.

1870. Petition of unemployed laborers praying for the total exclusion of Chinese race from state because of their cheap labor, which injures wages of said petitioners. 2 ll. (App. to jols. 18 sess. v. 2 unnum. doc.)

1880-1900. Table giving no. of Chinese and Japanese, by cos.—1880, 1890, 1900. (11 bienn. rept. labor statistics 1902/4: 73.)

1886. The labor question—the Chinese. (Trans. state agric. socy. 1886: 200-201.)

1887. Rept. on charges made agst. T. A. Lord, director of Deaf, Dumb, and Blind Asylum re. employment of Chinese labor. (Sen. jol. 27 sess. pp. 68-69.)

1888. Alien act passed by Congress. (8 A.R. state mineralogist 1887/8: 898.)

LABOR—cont'd

Aliens—cont'd

CHINESE—cont'd

1903. Stmt. giving no. of Chinese employed in various industries in S. F. (11 bienn. rept. labor statistics 1902/4: 75.)

1904. Table showing no. of Chinese and Japanese in Cal. 10 yrs. of age and over, who are gainfully employed, distributed according to five main occupation groups. (11 *same* 1902/4: 77.)

——. Comments on no. and condition of Chinese and Japanese in Cal. (11 *same* 1902/4: 72-78.)

——. See also below, Employment; this date.

JAPANESE

1880-1890. See above, Chinese; these dates.

1899-1904. Comparative table showing no. of Japanese from foreign ports landed at S. F., from Oct., 1899, to Sept., 1904. (11 bienn. rept. labor statistics 1902/4: 74.)

1902. Tables showing no. of Japanese mining immigrants arriving each mo. during 1889, portion of 1900, and 1902. (10 *same* 1901/2: 29-30.)

——. Comments on Japanese in Cal. (10 *same* 1901/2: 29-31.)

1903-1904. Table showing no. of Japanese from Hawaiian ports and by land from Victoria, landed at S. F. from Jan. 1, 1903, to Oct. 6, 1904. (11 *same* 1902/4: 74.)

1904. See above, Chinese; this date.

——. See also below, Employment; this date.

Apprentice

1904. Table showing the apprentice system, data from employers, each line representing conditions in some shop typical of its class. (11 bienn. rept. labor statistics 1902/4: 21.)

——. Remarks on the apprentice system in Cal. and table giving union rules regarding apprentices. (11 *same* 1902/4: 18-29.)

Bureau of Labor Statistics

EXPENDITURES FOR; see below, that title

REPORTS; see above, "SERIAL"

Child Labor

See also below, Employment.

1880-1900. Table showing no. and per cent of breadwinners among children 10 to 15 yrs. of age, classified by sex, for continental U. S. and Cal. (11 bienn. rept. labor statistics 1902/4: 88.)

1900. Same; no. and per cent of distribution of child breadwinners 10 to 15 yrs. of age, by sex and age, engaged in selected occupations, for Cal. (11 *same* 1902/4: 91.)

——. Tables showing no. and per cent of child breadwinners 10 to 15 yrs. of age, classified by sex, in main classes of occupations, for continental U. S. and Cal. (11 *same* 1902/4: 89-90.)

1902-1904. Article on children of wage-earners and "higher education." (10 *same* 1901/2 (pp. 46-62)—11 *same* 1902/4.)

1904. Remarks on women and children wageworkers. (11 *same* 1902/4: 11-17.)

HOURS OF; see below, that title

Convict Labor

PRISONS

1857. Stmt. of terms upon which state prison grounds and convicts can be leased for term of 4 yrs. (Assem. jol. 8 sess. p. 748.)

——. Rept. of select committee re. cost of surrender of contract of lessee of state prison to state, and possibility of deriving income from convict labor. 13 pp., 1 l. (App. to Assem. jol. 8 sess. doc. 8.)

1858. Rept. re. convict labor. (Sen. jol. 9 sess. pp. 457-458.)

LABOR—cont'd
Convict Labor—cont'd
PRISONS—cont'd
1860. Stmt. showing operation of state prison labor from Oct. 11 to Dec. 31, 1860. (A.R. state prison director 1860: 63.)
1864-1867. Table showing total no. of shoes mnftred., issued, and repaired from Oct. 1, 1864, to Nov. 1, 1867, including cost, etc.; also mo. average of no. issued and repaired, including cost, etc. (Bienn. rept. *same* 1863/5 (p. 53)—*same* 1865/7.)
1865-1867. Recommendation re. ann. apprn. of $75,000, which should continue so long as prison contains 700 prisoners, or until state becomes so largely interested in mnftres. that convict labor will be worth $1 per day. (*Same* 1865/7: 6.)
1866. Rept. of Assem. committee on state prison with stmts. of cost of pants and shirts mnftred. by state from Mission Woolen Mills goods, and daily allowance of each prisoner and officer of prison, etc. 6 pp. (App. to jols. 16 sess. v. 3 unnum. doc.)
1867-1871. Table giving total earnings of prison proper. (Bienn. rept. state prison director 1867/9 (p. 17)—*same* 1869/71.)
1868/9. Table giving cost of brick-yard and receipts from same. (*Same* 1867/9: 18-20.)
1874. Memorial from mechanics' state council in reference to state prison labor. 6 pp. (App. to jols. 20 sess. v. 6 [doc. 6].)
Recommending system of prison labor to compete with Chinese labor.
1884. Assem. petition re. petitioning Congress of U. S. to allow state of Cal. a drawback of all duties on jute imported by order of state bd. of prison directors. 2 ll. (*Same* 25 sess. (Ex.) doc. [4].)
1886. Decision of Supreme Court in case of The People of State of Cal. vs. The Folsom Water Power Co. re. convict labor. (7 A.R. state prison director 1885/6: 99-122.)
1887. Veto of act to amend act making apprn. for establishment of a permanent fund for purchase of jute, to be mnftred. at state prison. (Sen. jol. 27 sess. pp. 522-523; 555-556.)
——. Argument of Peter Roberts, delivered before Assem. committee on Assem. bill 13, re. alleged lowering of wages of free laborers, by convict labor, and necessity for shutting down all prison manufactories, except those for jute. 12 pp. (App. to jols. 27 sess. v. 8 doc. [7].)
——. Rept. of Assem. committee suggesting suspension of furniture and door depts. of state prisons, in which prisoners now compete with free workingmen, and adoption only of jute mnftres. and those which will supply goods needed by various state institutions. 4 pp. (*Same* 27 sess. v. 8 doc. [16].)
1890. Jute mill: state prison bag factory, showing cost of plant and operating expenses of jute mill at San Quentin. 12 pp.
Not seen; entry from Bowker.
1890/1-1897/8. Table showing pay-roll of officers, guards, and jute-mill employes for each yr. (Rept. of committee to make examination of state institutions 1899: 131.)
——. Same; in App. to jols. 33 sess. v. 2.
1893. Petition of employes in mnftre. of cordage praying Sen. will not pass bill to establish cordage factory at Folsom state prison. (Sen. jol. 30 sess. p. 670.)
1895. Act providing for erection and operation of rock-crushing plants at state prisons, for preparation of highway material. 3 pp.

LABOR—cont'd
Convict Labor—cont'd
PRISONS—cont'd
1895/6. Rock-crushing plant erected at Folsom state prison in accordance with provisions of act of May 28, 1895. (Bienn. rept. bureau of highways 1895/6: 15-16.)
1896-1904. Stmt. of condition of rock-crushing revolving fund. (Bienn. rept. state controller 1894/6 (p. 93)—*same* 1902/4.)
1897/8. Total value of jute mills; comment on plant; prison mnftres. (Rept. of committee to make examination of state institutions 1899: 132.)
——. Same; in App. to jols. 33 sess. v. 2.
1900. Convict labor on roads. (Bienn. rept. dept. of highways 1899/00: 61-63.)
1901. Veto of act authorizing state prison directors to employ prisoners in construction and repair of roads to prison. (Assem. jol. 33 sess. pp. 426-427.)
1904. Table showing no. and nature of employment of inmates of San Quentin prison on Sept. 21, 1904. (11 bienn. rept. labor statistics 1902/4: 103.)
REVOLVING JUTE FUND
1886-1904. Stmt. of condition of fund. (Bienn. rept. state controller 1884/6 (p. 86)—*same* 1902/4.)
REFORMATORIES
See also Maintenance: State Individual Institutions. Delinquents. Minors, for titles among the non-serial material.
1898. Road work at Preston School of Industry. (Bienn. rept. dept. of highways 1897/8: 22.)
Cost of Living
1886. Cost of living in S. F. (2 bienn. rept. labor statistics bureau 1885/6: 145-152.)
Employment
1880-1890. Table giving no. and per cent of breadwinners in population of all ages and at least 10 yrs. of age, classified by sex, for continental U. S. and Cal., 1880, 1890, 1900. (11 bienn. rept. labor statistics 1902/4: 80.)
1880-1900. Table showing no. and per cent of breadwinners in main classes of occupations for continental U. S. and Cal., 1900, 1890, and 1880. (11 *same* 1902/4: 83.)
——. Same; breadwinners classified as men, women, and children, and per cent distribution for continental U. S. and Cal. (11 *same* 1902/4: 86.)
——. Table giving per cent distribution of breadwinners in main classes of occupation, for continental U. S. and Cal. (11 *same* 1902/4: 85.)
1900. Table showing no. of men and women breadwinners classified as young persons and adults, and per cent of each in total breadwinners, for continental U. S. and Cal. (11 *same* 1902/4: 87.)
——. Same; no. and per cent of adult male breadwinners in main classes of occupations, for continental U. S. and Cal. (11 *same* 1902/4: 87.)
——. Table giving breadwinners classified by race, and per cent distribution, for continental U. S. and Cal. 1900. (11 *same* 1902/4: 81.)
——. Table showing no. and per cent of breadwinners in population at least 10 yrs. of age, classified by sex and race, for continental U. S. and Cal. (11 *same* 1902/4: 82.)
1904. Comments on no. and condition of the unemployed. (11 *same* 1902/4: 93-95.)
——. Table showing total no. of persons 10 yrs. of age and over engaged in gainful occupations and in each class of occupations who were unemployed during some part of yr., classified by sex and length of time unemployed, for continental U. S. and Cal. (11 *same* 1902/4: 94.)

LABOR—cont'd

Employment—cont'd

1904. Same; percentages of total no. of persons over 10 yrs. of age who are employed at gainful occupations, and per cent of employed who are unemployed during some part of yr. in different elements of population, classified as white, negro, Indian, Chinese, and Japanese. (11 *same* 1902/4: 78.)

Employment Bureaus

1868/9. Rept. of transactions of Labor and Employment Exchange from Apr. 27, 1868, to Nov. 30, 1869. 16 pp. (App. to jols. 18 sess. v. 3 doc. [59].)

1879. Recommendation that labor bureau or bureau of information be organized under state control and mngmt. (Trans. state agric. socy. 1879: 11-12.)

1891. Evidence taken before the Sen. labor and capital committee upon fraudulent practices of employment agencies; also evidence taken before Assem. committee. 6, 4 pp. (App. to jols. 29 sess. v. 7 docs. [8. 8a].)

Expenditures for; see below, that title

Expenditures

Bureau of Labor Statistics

1883-1894. Cost of bureau of labor statistics; expenditures from apprns. made by state, and cost of prtg. (A.R. bd. examiners dated 1895: 67.)

1884-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for bureau of labor statistics. (Bienn. rept. state controller 1882/4 (p. 55)—*same* 1902/4.)

1902-1904. Financial stmt. (10 bienn. rept. labor statistics 1901/2 (pp. 137-140)—11 *same* 1902/4.)

Employment Bureau

1871. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for support of Cal. labor exchange. (Bienn. rept. state controller 1869/71: 47.)

Hours of

See also below, Wages; see also Sunday Observance.

1874. Veto of act to amend political code of state, and to protect health and regulate hrs. of labor of street-car conductors and drivers. (Assem. jol. 20 sess. pp. 1115-1117.)

1892-1894. Eight-hr. labor law should be enforced and legisl. should attach penalty sufficient to insure that will of people expressed in constitution shall be carried out. (Rept. atty. gen. 1891/2 (pp. 13-14)—*same* 1893/4.)

1904. Table showing no. and hrs. of labor of women and minors from 153 establishments in S. F. and vicinity. (11 bienn. rept. labor statistics 1902/4: 12.)

——. Comments on shortening hrs. of labor. (11 *same* 1902/4: 96-97.)

Indian

1904. See above, Employment; this date.

Institutional

See above Convict Labor. See also references among the non-serial material under Maintenance: State. Industries.

Laws

1902. Labor laws of state enacted since 1900. (10 bienn. rept. labor statistics 1901/2: 143-149.)

1904. Statutes and decisions affecting labor. (11 *same* 1902/4: 121-136.)

Mines

See also License. Miners.

1850. Suggestion for method of disposal of and working mines by committee on res. re. same, urging exclusive rights for Amer. citizens. (Legisl. jol. 1849/50: 802-806; 808-812.)

LABOR—cont'd

Mines—cont'd

1851. Opinion of Supreme Court of Cal. in case of People ex. re. Atty. Gen. vs. Henry M. Naglee. (App. to Sen. jol. 2 sess. pp. 683-701 doc. U.)

Constitutionality of act prohibiting unlicensed foreigners from working the mines.

1852. General review of coolie contract system and its operation in increased transportation of Chinese coolie labor to Cal. for labor in mines. (Govs. mess. Apr. 23, 1852.)

——. Minority rept. objecting to passage of bill to introduce foreign contract labor into state. (App. to Sen. jol. 1852: 669-675.)

——. Rept. re. mining situation, with suggestions for federal and state legislation resp.; urging, on part of federal govt. provision for leasing quartz veins, mines, and continuance of free mining for placers, and, on part of state govt., protection agst. foreign contract labor in mines and taxation of foreign miners. (Assem. jol. 1852: 590-595 and app. pp. 829-835.)

——. Rept. on Chinese immigrants urging total exclusion of Chinese from mines. (App. to Sen. jol. 1852: 731-737.)

1853. Repts. on advantages and disadvantages of permitting foreign, and especially Chinese, labor in mines. 21 pp. (App. to Assem. jol. 1853 doc. 28.)

1854. Should policy of admitting foreign labor in mines be contd. by legisl., recommended that taxation be rendered more productive by increase of foreign miner's license tax. (A.R. state controller 1853/4: 31.)

1855. Rept. re. Chinese labor in mines, urging prohibition of same as measure for checking further immigration and ridding state of those already located therein. (Sen. jol. 1855: 418-419.)

——. Rept. favoring continuance of Chinese labor in mines, suggesting only imposition of small passenger tax to restrain undue immigration. (Assem. jol. 1855: 463-465.)

——. Rept. favoring exclusion of Chinese from mines, with citations showing authority of state to enforce same. (*Same* 1855: 482-485.)

——. Minority rept. of select committee on res. of miners' convention of Shasta Co. 7 pp. (App. to Sen. jol. 6 sess. doc. 16.)

Favoring Chinese exclusion by capitation tax, but not their sudden expulsion from mineral regions, thus resulting in loss of revenue from their expenditures and foreign miners' tax, and, since many are too poor to go home, in their distribution in farming districts where competition of such numbers will still further reduce wages.

The title of minority report is incorrect. That rept. printed in the App. to the Sen. jol. is in reality the majority rept. The minority rept. is printed in the body of the Sen. jol.

——. Minority rept. re. proposed removal of Chinese from mines, citing provisions of treaty with China, and suggesting employment of Chinese labor in development of agric. (Sen. jol. 1855: 496-500.)

——. Rept. [adverse] of minority of select committee on mines and mining interests on bill to prohibit all persons of foreign birth not eligible to citizenship, from working, or owning, mines in state; favors immigration of Chinese, chiefly because of revenue derived from foreign miners' tax. (App. to Sen. jol. 6 sess. doc. 19 pp. 9-13.)

——. Repts. of Assem. select committee on bills 206-208, re. excluding all persons of foreign birth, who are not eligible to citizenship, from privilege of working mines of state. 8 pp. (App. to Assem. jol. 6 sess. doc. 19.)

LABOR—cont'd
Mines—cont'd
1855. Rept. of Mr. Flint, of select committee to whom was referred res. of Miners' Convention at Shasta Co. 6 pp. (App. to Sen. jol. 6 sess. doc. 19.)
Differing from rest in that although he disapproves of Chinese as class, still, as they have practically been invited to California, he does not favor their expulsion, if only on acct. of their value as agric. laborers, and refers to treaties with China. Suggests breaking up of "Triad Society."
1856. Minority rept. of committee on mines and mining interests to whom was referred bill to repeal act of Apr. 30, 1855, taxing Chinese, urging passage of same as means of securing valuable trade with China, and also increasing revenue from miners' licenses. (Sen. jol. 7 sess. pp. 398-401.)
——. Minority rept. of committee on mines and mining interests, objecting to proposed repeal of act of Apr. 30, 1855, taxing Chinese miners, declaring presence of Chinese in state to be great moral and social evil, to degrade labor and depreciate its value, and showing existing law to have been passed in obedience to almost unanimous demand of laboring classes in state. (*Same* 7 sess. pp. 457-460.)
——. Majority rept. of committee on mines and mining interests recommending passage of Sen. bill 11 to repeal sec. 1 of act of Apr. 30, 1855, taxing foreign miners and particularly Chinese. 6 pp. (App. to Sen. jol. 7 sess. doc. [22].)
——. Same; minority rept. 6 pp. (*Same* 7 sess. doc. [23].)
1859. Corresp. re. disturbances over Chinese miners. (Assem. jol. 10 sess. pp. 401-406.)
——. Minority rept. on act to prohibit Chinese or Mongolians from working gold mines of state. (*Same* 10 sess. pp. 701-703.)
——. Memorial praying for banishment of Chinese miners from state. (*Same* 10 sess. pp. 260-261.)
1889. No. of men engaged in mining; the Mongolian element; the Cal. miner—wages, etc. (9 A.R. state mineralogist 1888/9: 21-24.)
1890. Present legislation for protection of miners; additional legislation advised, and creation of office of inspector of mines recommended. (10 *same* 1889/90: 17-19.)
1893/4-1895/6. Census of miners, quarrymen, etc., by cos. (13 *same* 1894/6: 11.)
1902. See above, Alien. Japanese; this date.
LICENSE; see that title
WAGES; see that title
Negro
1904. Stmt. giving total male and female colored persons, 10 yrs. of age and over, engaged in selected groups of occupations, for Cal. (11 bienn. rept. labor statistics 1902/4: 76.)
——. See also above, Employment; this date.
Occupations
See also above, Employment.
1904. Comparative statistics of occupations in Cal. and continental U. S. (11 bienn. rept. labor statistics 1902/4: 79-82.)
AGRICULTURE; see above, that title
MINES; see above, that title
PRINTING; see below, that title
RAILROAD; see below, that title
Printing
1888. Investigation into condition of labor in prtg. establishments of S. F. and Oakland. 27 pp. (Bureau of labor statistics.)
LABOR—cont'd
Public Works
1885. Rept. of J. S. Enos to gov. upon inquiry as to "condition of laborers employed by contractors on sea-wall at S. F.," etc. 140 pp. (App. to jols. 27 sess. v. 5 doc. [4].)
——. Rept. on charges agst. contractors engaged in construction of sea-wall at S. F. re. violating 8-hr. law. (Sen. jol. 26 sess. pp. 471-472.)
1887. Investigation of labor matters on the city front, S. F.; commencing July 6. 57 pp. (Bureau of labor statistics.)
Not seen; entry from Bowker.
——. Investigation into condition of men working on water-front and on bd. of Pacific Coast vessels. 107 pp. (*Same.*)
Not seen; entry from Bowker.
RAILROAD
1890. Table showing distribution of employes. (11 A. R. r.r. comrs. 1890: 55.)
WAGES; see below, that title
WELFARE WORK; see below, that title
Revenue
CONVICT LABOR; see above, that title
Wages
1900-1902. Comparison betw. prevailing average wages and hrs. of labor in various vocations in Cal. (10 bienn. rept. labor statistics 1900/2: 63-66.)
AGRICULTURE
1893-1895. Comparative table showing average wages of farm hands, blacksmiths, and carpenters each yr., by cos. (Trans. state agric. socy. 1895: 109-111.)
BLACKSMITHS; see above, AGRICULTURE
CARPENTERS; see above, AGRICULTURE
LUMBERMEN
1902. Table giving prevailing wages and hrs. of labor in lumber industry in Cal. (10 bienn. rept. labor statistics 1901/2: 26.)
——. Comparative table betw. prevailing wages and hrs. of labor in lumber industry in Cal., Mich., Wash., and Va. (10 *same* 1901/2: 27.)
MINERS
1902. Article on wages, hrs. of labor per diem, etc., of miners in Cal. (10 bienn. rept. labor statistics 1901/2: 16-24.)
——. Table showing miners' wages, hrs. of service per diem, etc., in Cal. as compared with miners in other states and countries. (10 *same* 1901/2: 23.)
RAILROAD
1878. Stmt. giving wages paid during yr. 1878 to various classes of employes by Central and Southern Pacific R.Rs. and system of roads operated by them. (3 A.R. r.r. comrs. 1882: 631.)
Paging from Collected docs.
1887. Tables showing wages paid during 1887 to various classes of employes by Southern Pacific Co., No. Div., and comparison of wages paid on roads in Cal. with roads out of Chicago; mo. of Oct. taken as basis. (9 *same* 1888: 42-49.)
1889-1896. Stmt. of wages recd. by r.r. employes in state. (10 *same* 1889 (p. 50)—bienn. rept. *same* 1895/6.)
SAILORS
1904. Table showing rates of wages, period of employment, hrs. of labor, etc., of members of maritime labor organizations in Cal. (11 bienn. rept. labor statistics 1902/4: 53.)
STATE PRINTING OFFICE
1887. Comment on rate of wages paid employes of state prtg. office, with corresp. re. same. (A.R. bd examiners dated 1889: 6-7.)

LABOR—cont'd

Wages—cont'd

TEACHERS

1852-1865. See Education; these dates.

1855-1879. See same; these dates.

1860. See same; this date.

1863. Comment on inadequacy of teachers' wages, continued change of teachers and their attendance on institutes. (13 A.R. supt. public instruction 1863: 11-15.)

1865-1867. Comment on teachers' wages in state and comparison with other states; favoring employment of female teachers; salaries of female teachers in Cal. higher than in any other state. (1 bienn. rept. *same* 1864/5 (pp. 42-51)—2 *same* 1866/7.)

1867. Salaries of the best teachers. (2 *same* 1866/7: 97-98.)

1871. See Education; this date.

1888. Cal. pays her teachers a higher salary than any other state in the Union; also same salary paid to women teachers as to men when doing the same work. (13 rept. supt. public instruction 1886/8: 8.)

Welfare Work

1870/1. Rept. on subject of r.r. hospital. (1 bienn. rept. bd. of health 1870/1: 42.)

Women

See also above, Employment.

1904. See above, Child Labor; this date.

HOURS OF; see above, that title

LABOR DISPUTES

serial

Under Act approved March 10, 1891.

1891/2-1892/4. Bienn. rept. of comrs. of state bd. of arbitration.

In Collected docs. as follows:

1891/2 in App. to jols. 30 sess. v. 1 unnum. doc.

1892/4 in App. to jols. 31 sess. v. 6 unnum. doc.

No more published.

non-serial

1880-1900. Résumé of subject of arbitration as applied to industrial disputes as far as progress has been made in different countries and various states. (10 bienn. rept. labor statistics 1901/2: 80-136.)

LABOR UNIONS

1878. Preamble and res. of workingmen of Sacramento. 2 ll. (App. to jols. 22 sess. v. 4 [doc. 30].)

Protest agst. dangerous and incendiary policy of men of S. F. claiming to lead labor movement.

——. Repts. of committee on labor investigation. 9 pp. (*Same* 22 sess. v. 4 [doc. 41].)

Re. charge of interference in mtgs. of Workingmen's Party.

1889. Investigation into grievances complained of by the Harness Makers' Union of S. F. 56 pp. (Bureau of labor statistics.)

Not seen; entry from Bowker.

1902-1904. List of labor organizations in Cal. and comments on same. (10 bienn. rept. labor statistics 1901/2 (pp. 67-79)—11 *same* 1902/4.)

1904. Table showing name, date of organization, membership, initiative fees, dues, benefits, etc., of maritime labor organizations in Cal. (11 *same* 1902/4: 54.)

——. Maritime labor organizations of Cal. (11 *same* 1902/4: 49-72.)

LABORATORIES

Mineral; see Natural Resources. Mineral

Viticultural; see Industries, etc. Inspection

LAGUNITAS LAKE

Rainfall; see Climate

LAKE COUNTY (1861)

Assessors; see Taxation: State

Borax

1892/4-1894/6. See Natural Resources. Mineral. Borax; these dates.

Geology; see Natural Resources

Horticultural Board; see Agriculture. Horticultural Commissions

Lime in; see Natural Resources. Mineral

Limestone in; see Natural Resources. Mineral

Marble in; see Natural Resources. Mineral

Mineral Springs in; see Natural Resources

Mines and Mining

1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.

Quicksilver

1892/4-1894/6. See Natural Resources. Mineral. Quicksilver; these dates.

Sandstone in; see Natural Resources. Mineral

Sulphur in; see Natural Resources. Mineral

Surveyor; see Land

Temperature; see Climate

LAND

1851. Letter of secy. of state re. new offices [i. e. re. land office]. (App. to Sen. jol. 2 sess. pp. 681-682 doc. T.)

1852. Review of large quantity of arable lands situated in various cos. (Govs. special mess. Jan. 30, 1852.)

1862. Comments on floating islands. (A.R. surveyor gen. 1862: 44-56.)

1883. The fertile lands of Cal. (Trans. state agric. socy. 1883: 208-214.)

1885. "Bedrock lands" of Sacramento Co.; by Hilgard. 1 sheet. (Agric. exper. station, bull. 44.)

1886. The productive capacity of the undeveloped lands of the coast range; probable extent to which timber and brush lands will be cleared under influence of agric. development. (1 bienn. rept. forestry bd. 1885/6: 191-196.)

1890. The solution of large land holdings problem in Cal., in opinion of pres. of bd. of agric., is encouragement of immigration of homeseekers to purchase and settle upon this land; payments on same being arranged to cover from 4 to 6 yrs. (Trans. state agric. socy. 1890: 24-25.)

1891. The cienegas of Southern Cal. (Bienn. rept. agric. exper. stations 1892/4: 185-188.)

1892. Clearing land in Sierra foothills; by G. Hansen. (A.R. *same* 1891/2: 190-192.)

1893-1895. Comparative table showing average values of improved land (bearing and unbearing on Dec. 1 of each yr., by cos.). (Trans. state agric. socy. 1895: 112.)

1896. Suggestions regarding examination of lands; Oct. 7 pp. (Unnum. circular, agric. exper. station.)

1900. Memorials and res. adopted by Fruit Growers' Convention re. restricting devastation of mt. lands by prospecting for minerals, etc. (7 bienn. rept. bd. hortic. 1899/00: 23-25.)

Alkali

1889-1901. Alkali reclamation at Tulare substation; by C. H. Shinn. (Rept. agric. exper. stations 1898/01 pt. 2: 204-214.)

LAND—cont'd

Alkali—cont'd

1896/7. Investigations of natural vegetation of alkali lands; introductory note by E. W. Hilgard; tables giving determination of alkali salts in soils upon which various plants grow; description of varieties; plants as alkali indicators; some cultivated crops for alkali soils; by J. B. Davy. (Bienn. rept. *same* 1895/6: 53-75.)

1898-1901. Gooselands of Glenn and Colusa cos.; mechanical analyses of soil, chemical analyses showing amt. of alkali; by R. H. Loughridge; notes on alkali lands; by T. L. Knock; alkali and alkali indicators of Glenn Co. gooselands; vegetation; by J. B. Davy. (Rept. *same* 1898/01 pt. 1: 21-33.)

1900. Nature, value, and utilization of alkali lands; by Hilgard. 46 pp. (Agric. exper. station, bull. 128.)

Desert

1880. Testimony re. sale of desert lands in Lassen Co. 54 pp. (App. to jols. 23 sess. v. 6 unnum. doc.)

1890. The Colorado Desert; bibliog. of subject for those desiring further information; by C. H. Orcutt. (10 A.R. state mineralogist 1889/90: 899-919.)

1897/8. Endurance of drought in soils of arid regions; by E. W. Hilgard and R. H. Loughridge. (A.R. agric. exper. station 1897/8: 40-64.)

1902. Lands of Colorado Delta and Salton basin; by Snow, Hilgard, and Shaw. 51 pp. (Agric. exper. station, bull. 140.)

Drainage

In order to avoid unnecessary duplication all material, except the purely local, relating to drainage has been grouped under River Conservancy, which see.

1870. Res. passed by bd. of supervisors of Fresno Co. and presented to Assem. Mch. 16, requesting defeat of Assem. bill 328, providing for drainage, etc., of certain lands, and for navigation betw. certain places; also of bill granting exclusive right to certain parties to use of King's River for purpose of running lumber for term of yrs.; also of franchise for exclusive right to fisheries of any lake or stream in Fresno Co. 2 ll. (App. to jols. 18 sess. v. 3 doc. [48].)

1902. Preliminary plans and estimates for drainage of Fresno; by C. G. Elliott, agt. and expert, irrigation investigations. (Rept. agric. exper. stations 1901/3: 57-64.)

1903. The benefits of drainage; by E. W. Hilgard. (*Same* 1901/3: 64-65.)

Escheats

1853. Additional measures urged for securing escheated estates for educational purposes. (Govs. ann. mess. 1853.)

1854. Legislation needed to secure state's interest in escheated estates. (Govs. special mess. May 8, 1854.)

——. Rept. re. history of Leidesdorff estate, and grounds for considering same as escheated property. (Sen. jol. 1854: 487-489.)

——. Govs. mess. re. escheat to state of Leidesdorff estate. (*Same* 1854: 265-266; Assem. jol. pp. 281-282.)

1855. Same; re. necessity of immediate action to secure Leidesdorff estate to state in view of impending sale of same, and pending decision of courts re. state's right to same as escheated property. (Sen. jol. 1855: 323-326; Assem. jol. pp. 341-343.)

——. Review of proceedings instituted to secure certain escheated property to state, showing importance of further provision for securing escheated estates in future. (Govs. ann. mess. 1855: 21-22.)

1857-1860. Hiram Smith, Jr. (absent heir of H. Smith, deceased). (16 A.R. state treasurer 1856/7 (pp. 30-31; 50-51)—*same* 1859/60.)

LAND—cont'd

Escheats—cont'd

1858. Communication from atty. gen. re. estate escheated to state and for which no apprn. has been made. (Assem. jol. 9 sess. pp. 270-271.)

1859. Atty. gens. recommendation for apprn. for fund for prosecution of escheated estates. (Sen. jol. 10 sess. pp. 286-287.)

1861. Rept. [favorable] on Sen. bill 90, "act to regulate settlement of estates of deceased persons," passed May 1, 1851, and reported back with amdmts. 7 pp. (App. to Sen. jol. 12 sess. doc. [12].)

1873. Comments on intestate estates, and suggestion that act be passed authorizing controller to dispose of land and pay proceeds into school fund. (Bienn. rept. state controller 1871/3: 22.)

1879. Escheated estates; suggested amdmt. to law re. disposition of same by state. (Rept. atty. gen. 1878/9: 7-8.)

Receipts and Expenditures

1853-1874. Stmt. of moneys paid into treasury from estates of deceased persons and escheated estates. 7 pp. (App. to jols. 20 sess. v. 6 [doc. 12].)

1854-1855. Atty. gens. communication re. transactions and expenditures for recovery of escheated estates. (Sen. jol. 1856: 189-191.)

1854-1884. Stmt. of estates of deceased persons in acct. with state treasurer. (A.R. state treasurer 1853/4 (pp. 20-21)—bienn. rept. *same* 1882/4.)

1856. Rept. of controller pursuant to res. of Jan. 26, 1856, requiring exhibit of warrants issued under act of Mch. 20, 1855, to provide for prosecution of escheated estates, showing expenditures and balance on hand Feb. 1, 1856. (Assem. jol. 1856: 219-230.)

1861-1904. Stmt. of condition of estates of deceased persons (G. Brock), June 30. (A.R. state controller 1860/1 (pp. 34-35)—bienn. rept. *same* 1902/4.)

1871-1896. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for estates of deceased persons. (Bienn. rept. *same* 1869/71 (p. 72)—*same* 1894/6.)

1877-1888. Stmt. showing amts. paid into state treasury by co. treasurers and administrators from estates of deceased persons; also amts. paid to heirs by state treasurer according to law. (*Same* 1875/7 (pp. 88-92)—*same* 1886/8.)

1896-1904. Comments on transfer of funds, also recommendation that legisl. authorize transfer of $80,000 from general fund to estates of deceased persons fund, in repayment of loan heretofore made; also transfer $100,000 from estates of deceased persons fund to state school land fund, where it may become available for investment in securities, interest on which is appropriated to support of common schools, as provided in constitution. (*Same* 1894/6 (pp. 28-29)—*same* 1902/4.)

Irrigation

See also List of References to pubns. relating to irrigation and land drainage; comp. by E. A. Hedrick, 1902. 181 pp. (U. S. Dept. of Agric. Library bull. 41.)

1856. Internal improvements; suggestions re. supplying water to both mining and agric. distrs. (A.R. surveyor gen. 1856: 24-25.)

——. Majority rept. of special committee on agric. and mining interests on Assem. bill 84; presenting another bill as substitute and recommending irrigation. 5 pp. (App. to Assem. jol. 7 sess. doc. [19].)

LAND—cont'd

Irrigation—cont'd

1864/5. The beginnings of irrigation in Cal.; suggestion that it would be good policy for gen. govt. to donate her entire interest in land of great valley to state for bldg. irrigation systems. (Trans. state agric. socy. 1864/5: 36-38; 69-75.)

1865. Comments on irrigation. (A.R. surveyor gen. 1864/5: 108.)

1870-1890. Comparative table showing increase of population and wealth in principal irrigation cos. of state. (A.R. bd. hortic. 1892: 45.)

1871-1872. Underground irrigation. (Trans. state agric. socy. 1870/1 (pp. 444-447)—*same* 1872.)

1872. Reclamation and irrigation in state: encouragement of immigration, progress of agric. interest, mining interest, legislation needed, value of land reclaimed, irrigation cos. already in field. (*Same* 1872: 290-426.)

1874. Address on irrigation in Cal.; expenses of canals, ownership of water, amt. of water necessary, extent of country irrigated, size of farms. (*Same* 1874: 189-202.)

——. Irrigation in Cal.; rept. of civil engr. commissioned by Sacramento Daily Record to examine and rept. (*Same* 1874: 419-446.)

——. Probable cost of irrigating the great valley of Cal. (*Same* 1874: 307-313.)

1878. Synopsis of a lecture on irrigation in Cal. 7 pp. (App. to jols. 22 sess. v. 4 [doc. 53].)
Delivered in Assem. chamber by Wm. H. Hall.

——. Rept. of committee on irrigation and water rights. (Sen. jol. 22 sess. pp. 391-392.)

1878/9. Irrigation problems; irrigation regions of Cal.; works, practice, and results of irrigation in Cal.; duty of waters and water supply in Cal.; results of investigations; conclusions and recommendations. 128 pp. (Rept. state engr. 1878/9 pt. 4.)

1880. The irrigation question in Cal.; conflicting interests; proposed remedy; draft of two bills embodying remedial measures and remarks on same. 44 pp. (*Same* to legisl. 1881 pt. 4.)

——. The irrigation question in Cal.; conflicting interests and proposed remedy. (*Same* to gov 1880: 15-20.)

——. Lake and river waters of the great valley and their quality for irrigation purposes. (A.R. agric. college 1880: 22-31.)

1880/2. Irrigation and drainage in Southern Cal.; by J. P. Widney. (7 bienn. rept. bd. health 1880/2: 104-106.)

1881/2. Analyses of waters of some Cal. rivers, with view to determination of their quality for irrigation; geological history of valley of Cal. (Bienn. rept. agric. college 1881/2: 57-61.)

1882. Corresp. with gov. re. public dissemination of data of irrigation investigation before publication of general rept., delayed because of insufficient apprn. (Rept. state engr. 1881/2: 13-14.)

1882/4. Effect of irrigation of agric. lands particularly in Cal., upon public health; by H. S. Orme. (8 bienn. rept. bd. health 1882/4: 51-59.)

1883. Minority rept. on act re. water rights, usages, and customs appertaining thereto. (Assem. jol. 25 sess. pp. 283-285.)

——. Rept. on irrigation and water rights. (*Same* 25 sess. p. 275.)

1884. Examination of irrigation waters; by Hilgard. 1 sheet. (Agric. exper. station, bull. 7.)

——. Outline of contents of rept. on problems of irrigation now in course of publication; maps ready for publication; present condition of both and further apprn. needed for completion; recommended legal provision for sale of same after publication. (Rept. state engr. 1883/4: 6-15.)

1884/6. Paper on effect of irrigation in Cal. (9 bienn. rept. bd. health 1884/6: 132-133.)

1885. Outline of matter, and advance sheets of the rept. on the legislative, administrative, technical, and practical problems of irrigation; in course of preparation and publication by Wm. H. Hall, state engr. 304 pp.
Not seen; entry from Bowker.
This is an edition of the 1886 report entitled "Irrigation Development. History, etc.," hastily printed in Jan. 1885 as an exhibit to the Legislature.

1886. Address of state irrigation committee to Fresno and Riverside irrigation conventions and to anti-riparian waters of Cal. 299 pp.
Not seen; entry from Bowker.

——. The irrigation question; memorandum by Wm. H. Hall, state engr., transmitted to legisl. 18 pp.

——. Same; no. 2. Cal. and Australia. 14 pp.
Not seen; entry from Bowker.

——. Irrigation, drainage, and alkali; by Hilgard. 1 sheet. (Agric. exper. station, bull. 53.)

——. The pump for irrigation; comment and corresp giving particulars. (Trans. state agric. socy. 1886: 194-195; 212-214.)

——. Irrigation development. History, customs . . . . [etc.] relating to irrigation, water-courses, and waters in France, Italy, and Spain . . . ; by Wm. H. Hall. 38 pp., 1 l., 97-162 pp. (State engineer.)
Pages 1-32 and 33-38 of the 38-page portion of this rept. are the same as pages 1-32 and pp. 605-610 resp. of the 622-page rept. of this date and with this title. The 97-162 pages are a portion of an edition of the 622-page irrigation rept. of 1886, hastily printed in Jan. 1885, as an exhibit to the legislature under the title "Outline of matter," etc.

——. Same. History, customs, laws, and administrative systems relating to irrigation, water-courses, and waters in France, Italy, and Spain. 622 pp.
This volume contains an outline of the history and a review of the water and irrigation customs, laws and regulations of France, Italy and Spain. As a common foundation of these the first chapter is devoted to the water laws of the Romans. It was the intention to issue a second and third volume. The second volume was to be called "Irrigation in Cal.—Watersheds, precipitation and water supply—Lands requiring irrigation—Irrigation Districts, etc.;" the third volume "The Irrigation Question. Development in Cal.—Mexican Civil Law—English Common Law, etc." Neither vol. 2 nor 3 has ever been issued.
The contents of vol. 1, is as follows: "Irrigation Legislation and Administration. The Roman Empire," pp. [35-] 48. France, pp. 49-179. Italy, pp. 180-351. Spain, pp. 353-524. App. I. Articles of civil code of France specially relating to or affecting water courses, waters and irrigation, pp. 525-534. App. II, same, Italy, pp. 535-551. App. III, same, Spain, pp. 552-603.

——. Govs. proclamation calling extra sess. to legislate on decision of Supreme Court of Cal. that riparian owners along unnavigable streams are entitled to exclusive use of same. (Sen. jol. extra sess. 1886: 1-2; House jol. *same*, pp. 2-3.)

——. Govs. mess., extra sess.; irrigation or water rights. (Sen. jol. extra sess. 1886: 19; House jol. *same* 1886: 12.)

1887. Stmt. of views of state engr. on question of water rights and irrigation in state; creation of irrigation and water rights comn. recommended. (Rept. state engr. 1884/5: 6-14.)

——. Petition of citizens of Stanislaus Co. urging passage of Assem. bill 12, re. general system by which waters of state may be diverted for irrigation. 5 pp. (App. to jols. 27 sess. v. 8 doc. [5].)

——. See also Public Printing; this date.

LAND—cont'd
Irrigation—cont'd
1888. Irrigation in [Southern] Cal. The field, water-supply and works, organization and operation in San Diego, San Bernardino, and Los Angeles cos.; by Wm. H. Hall. 672 pp., 3 maps, 29 pls. (State engineer.)
——. See also Public Printing; this date.
1889. Wright irrigation bill and amdmts.; compiled by W. C. Hendricks. 31 pp.
Not seen; entry from Bowker.
——. Paper on irrigation and production of water sources in Cal. (A.R. bd. hortic. 1889: 345-348.)
1891. Tabular summary of results secured by statistical inquiry as to irrigated area of arid states—estimated under ditch, acreage under cultivation, and no. of artesian wells. (*Same* 1892: 45.)
1898. Use of saline and alkali waters in irrigation; by E. W. Hilgard. (A.R. agric. exper. stations 1897/8: 126-130.)
1898-1904. Table giving analyses of waters from reservoirs and irrigation ditches, by locality, co., and sender. (*Same* 1898/01 pt. 2 (p. 229)—*same* 1903/4.)
1900. Paper on forests and irrigation. (7 bienn. rept. bd. hortic. 1899/00: 137-143.)
——. Necessity of irrigation; by W. Thomas, pres. Cal. Water and Forest Assn. (Trans. state agric. socy. 1900: 85-88.)
1901. Irrigation in Cal.; extracts from U. S. Census Bulletin. (*Same* 1901: 148-151.)
——. Irrigation, cultivation, and hardpan; by E. W. Hilgard. (Rept. agric. exper. stations 1898/01 pt. 2: 149-153.)
1903. Rept. of committee on act re. irrigation. (Sen. jol. 35 sess. pp. 741-742.)
1903/4. Rept. of division of irrigation investigation. (A.R. agric. exper. stations 1903/4: 107-109.)
1904. Co-operative work—state and govt. along lines of topography, hydrography, forestry, and water distribution. (A.R. bd. examiners dated 1904: 14-32.)

COLUSA COUNTY
1866. See below, Canals; this date.

FRESNO COUNTY
See below, Tulare Co.

KERN COUNTY
1878/9. Rept. on works and practice of irrigation in Kern Co. (Rept. state engr. 1878/9 pt. 4 app. pp. 61-115.)
1879. Table showing existing valid claims to water of Kern River and relation betw. amt. of claims, capacity of canals, and amt. diverted, as indicated by canal discharges during season, Jan. 6 to July. (*Same* 1878/9 pt. 4 app. 6 p. 103.)

LOS ANGELES COUNTY
1878/9. Rept. on irrigation works and practice in Los Angeles and San Bernardino cos.; effect of irrigation on soil, climate, and value of land; tabulated description of works. (Rept. state engr. 1878/9 pt. 4 app. pp. 3-60.)

SACRAMENTO COUNTY.
1892/4. Water in Sacramento, Stanislaus, and Yolo cos.—for power and irrigation. (12 rept. state mineralogist 1892/4: 410-411.)

SACRAMENTO VALLEY
See below, Canals.

SAN BERNARDINO COUNTY
1878/9. See above, Los Angeles County.
1880-1890. Comparative table showing development of water in San Bernardino Co. in past 10 yrs., giving acreage capacity of principal irrigation systems of co. (A.R. bd. hortic. 1892: 205.)

LAND—cont'd
Irrigation—cont'd

SAN JOAQUIN VALLEY
1871. Preparations being made for irrigation of San Joaquin Valley. (Trans. state agric. socy. 1870/1: 210-211.)

SOLANO COUNTY
1866. See below, Canals; this date.

STANISLAUS COUNTY
See Natural Resources. Mineral. Stanislaus Co.; see also above Sacramento Co.

TULARE COUNTY
1877. West side irrigation distr. water supply. Rept. of engr. on result of reconnoissance of Tulare Lake. 9 pp. (App. to jols. 22 sess. v. 4 [doc. 55].)
1878/9. Rept. on irrigation in Mussel Slough and Fresno distrs. in Tulare and Fresno cos.—description of works, extent, cost, periods, etc.; crops raised; hydrological data of each canal. (Rept. state engr. 1878/9 pt. 4 app. pp. 116-161.)

YOLO COUNTY
1865. Irrigation in Yolo Co. (Trans. state agric. socy. 1864/5: 301-303.)
1866. See below, Canals; this date.
1878/9. Rept. on works and practice of irrigation in Yolo Co. (Rept. state engr. 1878/9 pt. 4 app. pp. 183-191.)
1892/4. See above, Sacramento County; these dates.

Canals
1866. Rept. of Sen. committee on agric. on Assem. bill 321 to develop agric. interests, and to aid in construction of a canal for purposes of irrigation and inland trade in Colusa, Yolo, and Solano cos. 5 pp. (App. to jols. 16 sess. v. 3 unnum. doc.)
——. Rept. of Assem. committee on internal improvements on same. 5 pp. (*Same* 16 sess. v. 3 unnum. doc.)
1868. Rept. of engr. on results of survey of Sacramento Valley Irrigation and Navigation Canal. 52 pp. (*Same* 17 sess. v. 2 unnum. doc.)
1872. Memorial asking aid from Congress for grants of land to the San Joaquin . . . . and Cal. irrigation cos., who propose to run canals through the valleys of the San Joaquin and Sacramento rivers, thus assuring crops in an otherwise uncertain soil. 4 pp. (*Same* 19 sess. v. 3 doc. [11].)
1878/9. Rept. on works and practice of irrigation—San Joaquin and Kings River Canal, and Chowchilla Canal. (Rept. state engr. 1878/9 pt. 4 app. pp. 162-182.)
1891. The opening of the Woodbridge Canal; the first attempt at irrigation by canal in state. (Trans. state agric. socy. 1891: 16-18.)
1894/6. Rept. on mining and irrigating canals, artesian wells, etc., in Alameda, Amador, Butte, Calaveras, Colusa, Contra Costa, El Dorado, Fresno, Glenn, Kern, Kings, Mono, Monterey, Nevada, Placer, Plumas, Sacramento, San Benito, San Diego, S. F., Sta. Barbara, Sta. Clara, Sta. Cruz, Shasta, Solano, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Ventura (canals), Yolo, and Yuba cos. (13 rept. state mineralogist 1894/6: 525-566.)

Conventions
1884. Proceedings of state irrigation convention, held at Riverside, Cal., May 14, 15, 16. 96 pp.
Not seen; entry from Bowker.
1886. Same; held at S. F., May 20, 21, 22. 205 pp.
Not seen; entry from Bowker.
1904. See above, Land; this date.

Irrigation Districts
1890/2. Recommendation that sec. 680, Political Code, be amended so as to include bonds of several irrigation distrs. of state. (A.R. state treasurer 1890/2: 4-5.)

LAND—cont'd

Irrigation Districts—cont'd

1891. List of irrigation distrs. formed under Wright irrigation act—acreage, amt. of bonds voted, and cost of supplying water per acre. (A.R. bd. hortic. 1892: 47.)

1892. Opinion re. legality of bonds issued by irrigation distrs. formed under state irrigation laws; remedial legislation suggested. (Rept. atty. gen. 1891/2: 9-10.)

Laws

1882. Synopsis of acts passed by legisl. of Cal. relating to water courses and their use for irrigation by the people and by corporations. (Bienn. rept. surveyor gen. 1880/2: 21-38.)

1887. Law re. water rights. (8 A.R. state mineralogist 1887/8: 897.)

1891. Distr. irrigation laws: decisions thereon by the Supreme Court, notes and index; compiled by W. H. H. Hart. 75 pp.
Not seen; entry from Bowker.

1900. Irrigation laws; by J. D. Works. 128 pp.
Not seen; entry from Bowker.

Maps; see below, that title

Laws

1866. Laws re. reclamation, segregation, and sale of tide, salt marsh, and swamp and overflowed lands; comp. by S. N. Norton.
Not seen; entry from Suppl. Cat. Law Dept. Cal. State Library, 1893.

Maps
General material only. Railroad maps are entered under Railroads, mineral maps, under Natural Resources. Mineral (serial, Register of Mines.) See also under Land: State, the notes under co. surveyors' repts. for comment and criticism on the state map.

1852. Comments on state map; progress of its construction. (A.R. surveyor gen. 1852: 3-9.)

1853. Communication from surveyor gen. re. completion and cost of state map. 2 pp. (App. to Sen. jol. 1853 doc. 35.)

1854. Letters from G. H. Goddard, on map, Carson Valley, stage and r.r., etc. (A.R. surveyor gen. 1854: 89-90.)

——. Recommended that Congress be requested to make apprn. for purpose of obtaining complete and correct map of state. (*Same* 1854: 5.)

——. Letter of Col. Hays, U. S. surveyor gen., concerning map, U. S. surveys, swamp lands, etc. (*Same* 1854: 89.)

1855. Comments on Geo. H. Goddard's topographical map and recommendation for its purchase by state. (*Same* 1855: 46.)

——. Rept. [favorable] in relation to new state map. 6 pp. (App. to Sen. jol. 6 sess. doc. 17.)

——. Rept. re. need for state map, with suggestions for securing same, and estimated cost. (Sen. jol. 1855: 461-464.)

1867-1873. Map of region adjacent to bay of S. F. (Geol. survey.)

Checklist

[ed. 1.] 1867. 2 m. = 1 in.
ed. 2. 1868. "
[ed. 3.] 1873. "

1873. Same. Scale, 2 m. = 1 in. 44 x 36 in. (*Same.*)

——. Map of Cal. and Nev.; drawn by F. V. Leicht and A. Craven. Scale, 18 m. = 1 in. 37 x 34 in. (*Same.*)

1874. Same. Ed. 2. Rev. by Hoffmann and Crane, and issued by authority of regents of Univ. of Cal. Scale, 18 m. = 1 in. 40 x 36 in.

1878. Same; ed. 3.

1882. State maps. (Rept. state engr. 1881/2: 7-8.)

1883. Suggestion that action be taken to furnish sectional sheets of state map to each co. surveyor. (3 A.R. state mineralogist 1882/3: 19.)

LAND—cont'd

Maps—cont'd

1887. Map of Cal. and Nev.; drawn by F. V. Leicht and A. Craven. Ed. 4. Rev. by Hoffman and Crane, and issued by authority of regents of Univ. of Cal. Scale, 18 m. = 1 in. 40 x 36 in.

——. Topographical and irrigation map of the Great Central Valley of Cal. Scale, 6 m. = 1 in. (Engineering dept.)

1890. Brief rept. of engr. of mining bureau re. topographical map of state acc. rept. (10 A.R. state mineralogist 1889/90: 21-22.)

1904. See above, Irrigation; this date.

Mission Lands

1850. Rept. on cost of proposed investigation of mission lands and claims, urging apptmt. of comrs. to prosecute same. (Legisl. jol. 1849/50: 517-519.)

——. Rept. of corporations committee on mission lands of Dolores. (App. to Sen. jol. 1 sess. pp. 569-570 doc. SS.)

——. Rept. of public lands and mission claims committee recommending apptmt. of comn. to examine govt. archives, and to rept. upon history and present condition of missions of Upper Cal. (*Same* 1 sess. pp. 517-519 doc. W.)

1851. Govs. mess. re. missions and mission claims, urging full protection of rights of same. (Legisl. jol. 1851: 739-740.)

1852. Surveyor gens. rept. on title to mission lands, reviewing history and jurisdiction of missions, and suggesting disposal to be made of same. (App. to special rept.) (App. to Sen. jol. 1852: 625-639.)

1854. Govs. mess. re. selection of San Luis Rey mission lands, for location of educational institution, under act of Congress, approved Mch. 3, 1853. (Assem. jol. 1854: 146-147.)

——. Corresp. re. proposed selection of San Luis Rey Mission lands for institution of learning under act of Congress granting lands for same. (App. to govs. ann. mess. 1854: 35-39.)

Pueblo Lands
See also below, Water Front Property re. the S. F. water lot controversy.

1850. Rept. disclaiming authority of legisl. for disposal of lands belonging to Pueblo of San Jose, as being still under jurisdiction of Mexican law. (Legisl. jol. 1849/50: 568.)

——. Rept. of public lands and mission claims committee re. pueblo lands at San Jose. (App. to Sen. jol. 1 sess. p. 568 doc. RR.)

1868. Rept. of judiciary committee re. pueblo lands in S. F. involving question of eminent domain, and right of a pueblo to soil within its limits. 8 pp. (App. to jols. 17 sess. v. 3 [doc. 11].)

Realty

1855-1880. Historical table showing depreciation in value of real estate in Marysville in part due to damages done by mining débris. (Rept. state engr. 1878/9 pt. 3: 19.)

Riparian

1855. Veto of act authorizing use of waters of Stanislaus River for mnfg. purposes, as special legislation affecting riparian rights and encouraging monopolistic tendencies. (Sen. jol. 1855: 543-544.)

——. See also, River Conservancy. Stanislaus River.

1856. Improvement contemplating protection agst. overflow of lands on eastern bank of Sacramento River, now under way, and to be completed at private expense. (Govs. ann. mess. 1856: 23.)

1886. See Land. Irrigation; this date.

Surveyors

License; see Licenses

LAND—cont'd

Surveys

1850/1. Propriety of locating one or more points in each co., by longitude and latitude, with which co. surveyors could correct their work. (A.R. surveyor gen. 1850/1: 577.)
Paging from Collected docs.

1852. Comments on U. S. lands survey. (*Same* 1852: 24-26.)

——. Table showing no. of observations of each kind taken at different localities, with whole amt. of same. (*Same* 1852: 28-31.)

1855. Exhibit consisting of C. D. Semple's acct. for survey of boundary line betw. Colusa and Yolo cos. (*Same* 1855: 76.)

——. Stmt. giving surveys under special acts and surveys under general act. (*Same* 1855: 34-36.)

——. Surveyor gens. stmt. re. advisability of obtaining copies of certain plats in office of U. S. surveyor for Cal. as basis of various land divisions to be made. (Sen. jol. 1855: 384.)

1890. Profile of Fresno Co. (10 A.R. state mineralogist 1889/90 facing p. 204.)

1904. See above, Irrigation; this date.

Transfer

1852. Land titles in S. F. and laws affecting same; by A. Wheeler. 128 pp. 4°.
Not seen; entry from Bowker.

1853. Provision needed for adjudication of land claims cases still undetermined. (Govs. ann. mess. 1853.)

——. Rept. of table lands improvement committee re. table lands to be given to C. D. Gibbes. 1 l. (App. to Assem. jol. 4 sess. doc. 52.)

1854. Unsettled condition of land titles greatest obstacle to agric. improvements. (Govs. ann. mess. 1854: 16.)

1855. Exhibit A [and exhibit B] from rept. of sales. 9 pp. (Land comrs.)
Not seen; entry from Bowker.

1861. Govs. mess. re. existing difficulties in Sta. Clara Co. over land claims. 13 pp. (App. to Sen. jol. 12 sess. unnum. doc.)

1865. Calling attention to a serious drawback to prosperity of agric. interest in the unfortunate condition of land titles. (Trans. state agric. socy. 1864/5: 75-76.)

1867. Act to quiet titles in Cal. (Bienn. rept. surveyor gen. 1865/7: 19-24.)

1868. Rept. of the Assem. judiciary committee re. substitute for Assem. bill 52 concerning sale of real estate by guardian of V. Guerrero. 4 pp. (App. to jols. 17 sess. v. 2 [doc. 46].)

1895. Rept. suggesting amdmts. of comn. for purpose of examining Torrens Land Transfer Act of Australia to Sen. and Assem. 25 pp. (*Same* 31 sess. v. 6 doc. [7].)

Water Front Property

OAKLAND

1892. Opinion as to claim of title made by corporation known as Oakland Waterfront Co. to what is termed waterfront of said city, and by what authority bd. of trustees of town of Oakland undertook to convey said waterfront to be held as private property, etc. (Rept. atty. gen. 1891/2: 11-13.)

1892-1894. Oakland waterfront cases. (*Same* 1892/4 (pp. 7-12)—*same* 1895/6.)

SAN DIEGO

1868. Rept. of public lands committee on Assem. bill 271 recommending that title of certain property on water front of New San Diego be granted to W. H. Davis. 5 pp. (App. to jols. 17 sess. v. 2 [doc. 23].)

LAND—cont'd

Water Front Property—cont'd

SAN FRANCISCO

All the material relative to the harbor front and beach and water lot controversy has been grouped together here.

serial

1 series

A

Under Act of May 18, 1853.
Act to provide for sale of interest of state in property within water front line of San Francisco.

1853/4-1854/5. Ann. rept. of bd. of state land comrs.
In Collected docs. as follows:
1853/4 in Sen. jol. 1855: 84-86.
1854/5 " Assem. jol. 1856: 66-69.

B

Under Act of May 1, 1855.

1855/6. Ann. rept. of bd. of state land comrs.
In Collected docs. as follows:
1855/6 in Assem. jol. 1856: 70-77.

2 series

A

Under Act of March 30, 1868 providing for survey and sale of tide lands in city and co. of San Francisco.

1868/9-1871/3. Rept. of bd. of tide land comrs. and state bd.
In Collected docs. as follows:

1868/9	in	App. to jols.	18	sess.	v. 2	unnum.	doc.
1869/70	"	"	"	19	"	v. 4	"	"
1871/3	"	"	"	20	"	v. 5	"	"

"All sales of bd. of tide land comrs. had to be approved by the State Bd., which occupied the same office; these repts. therefore contain the repts. of both bds." (Bowker.)

B

Under Act of March 30, 1874.

1873/5. Rept. of bd. of tide land comrs.
In Collected docs. as follows:
1873/5 in App. to jols. 21 sess. v. 2 unnum. doc.

non-serial

1834-1851. Rept. of special committee reviewing history, legislative disposal, original cost and assessed value of beach and water lots in S. F. (Assem. jol. 1852: 284-307.)

1849-1851. Extracts from minutes of comrs. of sinking fund of S. F. with rept. on origin and controversy re. "Colton and Leavenworth grants" on water and beach lot property in S. F. (*Same* 1852: 293-298.)

1850-1852. Govs. mess. re. value, selling price, sale and history of titles of beach and water lot property in S. F., with review of controversy over same; with acc. docs. 28 pp. (App. to Assem. jol. 1853 doc. 44.)

1851. Rept. on validity of act granting tide lands within city of S. F. to city. (Legisl. jol. 1851: 1329-1333.)

——. Rept. re. proposed relinquishment to city of state's rights to beach and tide lots in city of S. F. (*Same* 1851: 1686-1687.)

1851-1853. Review of legislation re. beach and water lot property in S. F., as affecting state's interest in same. (Govs. ann. mess. 1854: 9.)

——. Rept. re. amt. and value of beach and water lot property in S. F. sold under act of Mch. 26, 1851, and amt. of sales on which state is entitled to 25%; with stmts. of various sales made. (Assem. jol. 1854: 457-474.)

1852. Rept. of special committee re. beach and water lots of S. F., reviewing history and legislation concerning grants of same, showing injustice of proposed repeal of private grants. (*Same* 1852: 284-307.)

LAND—cont'd
Water Front Property—cont'd
non-serial—cont'd
1852. Communication from atty. gen. re. price of beach and water lots disposed of by S. F. comrs. of funded debt and estimated value of whole beach and water lot property. 4 pp. (App. to Assem. jol. 1853 doc. 19.)
——. Action commenced in behalf of state for recovery of beach and water property of city of S. F.; suggestion that state dispose of unsold beach and water property and appropriate proceeds to construction of permanent bulkhead on water front of city. (A.R. atty. gen. 1852: 4-5.)
1853. Repts. of majority and minority of special committee upon subject of extending water front of S. F. 12 pp. (App. to Sen. jol. 4 sess. doc. 41.)
——. Rept. of special committee to whom was referred Assem. bill re. water front of S. F. 5 pp. (*Same* 4 sess. doc. 65.)
——. Communication from atty. gen. in regard to S. F. water front; Feb. 18. 4 pp. (App. to Assem. jol. 4 sess. doc. 19.)
——. Same; Mch. 21. 4 pp. (*Same* 4 sess. doc. 41.)
——. Rept. of commerce committee in relation to extending city front of S. F. 5 pp. (*Same* 4 sess. doc. 27.)
——. Rept. [adverse] of portion of select committee upon extension of water front of city of S. F. 22 pp. (*Same* 4 sess. doc. 32.)
——. Majority and minority repts. on proposed bill to dispose of state's interest in beach and water lot property in S. F. and to extend water front of same. 4, 2 pp. (*Same* 1853 docs. 37, 38.)
——. Govs. mess. re. invalidity of leases to beach and water lot property in institution of proc. to secure rights of state in premise. (Sen. jol. 1853: 190-191; Assem. jol. pp. 230-231.)
——. Same; re. impending sale of certain beach and water lots in S. F. advertised by sheriff to satisfy judgment agst. city, urging injunction to restrain city from proceeding with sale, and adoption of measures necessary to protect state's interest in said lots. 8 pp. (Sen. jol. 1853: 365-366; Assem. jol. pp. 431-432.)
——. Same; in answer to Assem. res. requesting information in relation to water lots in city of S. F., sold in 1850. 28 pp. (App. to Assem. jol. 4 sess. doc. 44.)
——. Same; re. immediate necessity of providing for interest on state debt due July 1, urging apptmt. of bd. of three comrs. to make necessary arrangements and suggesting sale of beach and water lots in S. F., rightfully belonging to state, as means of providing requisite funds. (Sen. jol. 1853: 366-367; Assem. jol. pp. 430-431.)
——. Govs. special mess. re. extension of water front of S. F., urging sale of state's interest in beach and water lot property as measure for providing funds necessary for meeting state debt, with acc. docs. (App. to Sen. jol. 1853 docs. 49-50: 5-7; Assem. jol. pp. 320-324.)
——. Atty. gens. opinion re. legality of act to extend water front of S. F. 4 pp. (App. to Assem. jol. 1853 doc. 41.)
——. Same; re. necessity of proceedings to secure state's right to certain water lot property in S. F., in connection with action of U. S. Distr. Atty. agst. lessees of said property, instituted by reason of failure of said lessees to pay rentals; with copies of said leases. 8 pp. (App. to Sen. jol. 1853 doc. 36.)
——. Remonstrance of citizens of S. F. agst. proposed extension of city limits beyond water line established by act passed Mch. 26, 1851. 4 pp. (*Same* 1853 doc. 30.)
1853. Joint res. of common council of city of S. F., no. 316, protesting agst. extension of water front of said city. 2 pp. (*Same* 1853 doc. 29.)
——. Investigation of beach and water lot controversy re. title to such property in S. F. urged. (Govs. ann. mess. 1853.)
——. Memorial of purchasers of certain water lot property in S. F., praying state to reconsider proposed resumption of control over parts of said property. 6 pp. (App. to Sen. jol. 1853 doc. 28.)
1854. Rept. on sales of water lot property. 27 pp. (App. to Assem. jol. 5 sess. doc. 9(?).)
Docs. incorrectly numbered? This is probably no. 6.
——. Review of advantage of proposed extension of water front of S. F., and sale of state's interest in property within limits of city, especially as offering necessary means for speedy payment of state debt. (Govs. ann. mess. 1854: 7-10.)
——. Rept. of land comrs. apptd. under act of May 18, 1853, to sell state's interest in property within water line front of S. F. as defined by act of Mch. 26, 1851, reviewing transactions and accts. (Assem. jol. 1854: 90-91.)
——. Speedy settlement of state debt necessary and provision therefor urged by extension of water front of S. F. and sale of lots within same. (Govs. special mess. May 8, 1854.)
——. Govs. mess. re. treasurer's refusal to accept state prison bonds in payment for property sold by state land comrs., with review of legislation defining funded state debt, showing said prison bonds not to be part of same; Jan. 14. (Assem. jol. 1854: 92-95.)
——. Rept. re. refusal of treasurer to receive state prison bonds in payment for property sold by state land comrs., declaring said bonds to be part of funded debt of state. (*Same* 1854: 113.)
1855. Proceeds from sale of property to be placed under control of state by proposed extension of S. F. probably sufficient to liquidate remaining state indebtedness. (Govs. ann. mess. 1855: 9.)
——. Suggestion to appt. agt. to watch over state's interest in water lot property in S. F. to prevent same from passing into hands of individuals without payment to state. (*Same* 1856: 13.)
——. Veto of act amdg. act to provide for sale of state's interest in property within water line front of S. F. as defined by act passed Mch. 20, 1851. (Assem. jol. 1855: 823-825.)
——. Rept. of land comrs. with acct. of their transactions in regard to sale of state property within water line of S. F. 5 pp. (App. to Assem. jol. 6 sess. doc. 9.)
——. Rept. re. apparent conflict betw. funding act of Mch., 1855, and act providing for state's sale of water lot property in S. F., passed May 18, 1853, as to provision for acceptance of comptroller's warrants in payment for said property. (Assem. jol. 1855: 556.)
——. Treasurer's communication re. discrepancy betw. funding act of 1855 and act providing for sale of water lot property in S. F., passed May 18, 1853, as to their provisions for reception of comptroller's warrants. (Sen. jol. 1855: 482-483.)
——. Review of arguments for liquidation of state debt by sale of beach and water lot property, showing probable amt. of accumulated interest at time of maturity. (Govs. ann. mess. 1855: 10.)

LAND—cont'd
Water Front Property—cont'd
non-serial—cont'd
1855. Proceeds from sale of property to be placed under control of state by proposed extension of S. F. probably sufficient to liquidate remaining state indebtedness. (*Same* 1855: 9.)
1866. Majority and minority repts. of Sen. select committee to investigate sale of marsh and tide lands, with testimony taken by committee. 7, 12 (2), 16 pp. (App. to jols. 16 sess. v. 3 unnum. docs.)
——. Opinion of atty. gen. re. tide land locations upon S. F. city front near Oakland, and state prison. 8 pp. (*Same* 16 sess. v. 3 unnum. doc.)
——. Veto of act to provide for settlement of certain land claims in S. F. (Assem. jol. 16 sess. pp. 850-853.)
——. Rept. of surveyor gen. re. marsh and tide lands within 5 miles of S. F. and Oakland. 7 pp. (App. to jols. 16 sess. v. 3 unnum. doc.)
1868. Rept. re. S. F. tide lands [title and project to sell them for sites of r.r. termini]. 6 pp. (*Same* 17 sess. v. 3 [doc. 14].)
——. Minority rept. re. S. F. "outside lands." [Question of title and sale to individuals.] 6 pp. (*Same* 17 sess. v. 2 [doc. 38].)
——. Rept. of special Assem. committee re. S. F. tide lands; favorable to Farish tide land bill, and submitting opinions on subject of vesting of title of such lands; by J. Hamilton and C. Haymond. 10 pp. (*Same* 17 sess. v. 2 [doc. 18].)
1869. List of persons and corporations preliminarily allowed by comrs. to purchase at appraised value the appraisements being subject to approval or disapproval of state bd. (Rept. tide land comrs. 1868/9: 5.)
Claimants under sec. 5, act of 1868 re. disposal of marsh and tide lands in S. F.
——. Comments and res. on water line front of S. F. (*Same* 1868/9: 6-13.)
——. Surveyor's rept. on map and surveys of S. F. beach and water lots, with financial stmts. of lands sold, etc. (*Same* 1868/9: 33-39.)
1869-1871. Comment on success of plan devised at last sess. for sale and disposition of certain salt marsh and tide lands bordering upon bay and within city and co. of S. F. (Rept. atty. gen. 1868/9 (p. 6)—*same* 1870/1.)
1870. Comments on change of boundary line of salt marsh and tide lands belonging to state and the Haley and O'Neil property. (Rept. tide land comrs. 1869/70: 6.)
——. Rept. of chief engr. on map and surveys of S. F. beach and water lots, with financial stmts. of lands sold, etc. (*Same* 1869/70: 25-30.)
——. Litigation: Farish et als. vs. Coon et als. and The People, upon relation of atty. gen. vs. B. F. Washington et als. the bd. of tide land comrs. (*Same* 1869/70: 3-4.)
——. List of cases compromised by bd. of comrs. (*Same* 1869/70: 10-12.)
——. Sales; r.r. right of way and res. in regard to claimants. (*Same* 1869/70: 8-10.)
——. Minority rept. of committee on public lands re. Assem. bill 370 unfavorable to change in bd. of tide land comrs. 2 ll. (App. to jols. 18 sess. v. 2 doc. [14].)
——. Testimony taken before special committee of Sen. to inquire into matters of Golden City Homestead Assn. re. grant of tide lands in S. F., made to assn. which it is now believed never existed, by state, and action necessary to secure to state full benefit of land thus fraudulently granted. 62 pp. (*Same* 18 sess. v. 3 doc. [21].)

LAND—cont'd
Water Front Property—cont'd
non-serial—cont'd
1873. Recommendation for passage of act abolishing tide land comn., and requiring them to turn over all books and papers to state. bd. (Bienn. rept. state controller 1871/3: 7-8.)
1874. Rept. on act to appropriate money for expenses of tide land comn. (Assem. jol. 20 sess. pp. 452-453.)
1876. Rept. of Sen. special committee apptd, to investigate sale of tide and marsh lands of state. 9 pp. (App. to jols. 21 sess. v. 4 unnum. doc.)
Relating to Mission Creek Lands granted to City of S. F. by state under act of Mch. 27, 1874.
REVENUE FROM
1852-1853. Controller's stmt. of receipts into treasury from sales of beach and water lot property in S. F., under act of Mch. 26, 1851, up to Apr. 22, 1853. 4 pp. (App. to Assem. jol. 1853 doc. 59.)
1853/4. Stmt. of receipts for state property sold by bd. of Cal. land comrs. in S. F. (A.R. state treasurer 1853/4: 22-23.)
1853/4-1855/6. Revenue from sales of land on S. F. water front. (A.R. bd. state land comrs. 1853/4—*same* 1855/6.)
1854-1857. Stmt. of state property fund in acct. with state treasurer. (A.R. state treasurer 1853/4 (pp. 20-21)—*same* 1856/7.)
1869. See above; this date.
1870. See same; this date.

LAND: INDIAN
Including Indian reservations. The material on either subject was so meagre that it was thought best not to separate it.
1850. Review of Indian hostilities, resulting in part from neglect of general govt. to make treaties with same for their lands. (Govs. ann. mess. 1851.)
1851. Indian treaties, made by U. S. comrs., granting reservations within state, strongly disapproved and rejection of same urged. (Govs. special mess. Jan. 30, 1852.)
1852. Rept. condemning action of Congress in establishing Indian reservation within limits of state, reviewing evils of policy, and charging fraud on part of Indian agts. (Assem. jol. 1852: 202-205.)
1857. Rept. of Indian affairs committee recommending purchase of Indians' lands; manual education of Indians; and their removal to reservations; one in the Pitt River and Modoc country, another in San Bernardino Co., with stronger military forces in vicinity of reservations and in remote parts of state being needed. 5 pp. (App. to Assem. jol. 8 sess. doc. [16].)

LAND: NATIONAL DOMAIN
1850. Majority and minority repts. of committee on res. re. public domain, mineral lands, custom houses, branch of U. S. mint, and certain moneys rightfully belonging to state of Cal. (Legisl. jol. 1849/50: 802-817.)
1852. Rept. of special committee on disposal of public lands of U. S. in Cal.; with memorial from people of Cal. asking for gifts of lands to immigrants. (App. to Sen. jol. 3 sess. pp. 575-592.)
1853. Rept. of select committee of five apptd. to inquire into expediency of reporting memorial to Congress asking cession of all public lands in state to Cal. 14 pp. (*Same* 4 sess. doc. 55.)
——. Rept. on proposed res. for land grants to r.rs., on part of federal govt.; urging donation to every r.r. in Cal. of alternate sections along line of said r.r., or, if same be unavailable, any lands of U. S. selected in lieu thereof by r.r. 2 pp. (*Same* 1853 doc. 71.)

LAND: NATIONAL DOMAIN—cont'd

1853. Further effort urged to secure federal land donations to actual settlers, as means of encouraging agric. (Govs. ann. mess. 1853.)

1854. Efforts urged to obtain federal enactment donating public domain in Cal. to actual settlers on same terms as in Ore. (*Same* 1854: 16.)

1855. Review of state's claim to public lands within its borders as affected by conditions of admission to Union. (*Same* 1855: 17-18.)

1856. Rept. of select committee re. U. S. land comrs.; requesting modification of act of Congress of 1851, so far as to prevent issuance of patents by comrs., to claimants, in cases of land titles which were imperfect at date of conquest of Cal.; and that unlocated grants be placed only on unoccupied lands, U. S. surveyors to have no discretion as to their disposition; also that agric. lands in the state, legal title of which is in state, be sold, and that they be subdivided irrespective of any claim of title in private parties. 11 pp. (App. to Assem. jol. 7 sess. doc. [17].)

1857-1885. Table showing net proceeds from sales of public lands each yr.; 5% of net proceeds; interest at 7% each yr. Rept. of agt. and counsel of Cal. to gov. for claims agst. U. S. 1886: 120. (App. to jols. 27 sess. v. 8; 580 pp.)

1860. Enactment of laws for disposition of lands by gen. govt.; etc. (A.R. atty. gen. 1860: 5-6.)

1870. Jt. res. re. sale of mineral lands in Cal.; to instruct members of Congress to prevent, if possible, any departure from policy heretofore pursued by U. S. in allowing mineral lands to be freely worked by all comers, subject only to such rules as miners themselves might adopt. 2 ll. (App. to jols. 18 sess. v. 3 doc. [65].)

——. Rept. of Sen. committee on mines and mining interests re. Sen. con. res. 6, and Assem. substitute therefor in relation to subdivision of mineral lands into 10-acre tracts, and sale thereof, under preemption and homestead laws of U. S. 4 pp. (*Same* 18 sess. v. 3 doc. [78].)

1880-1885. Communications from General Land Office, Washington, to registers, receivers, and surveyors gen. re. mineral, timber, and stone lands. (6 A. R. state mineralogist 1885/6 pt. 2: 163-175.)

1886. Stmt. of total amts. of money recd. by several states of U. S. from net proceeds of sales of public lands up to June 30, 1880. Rept. of agt. and counsel of Cal. to gov. for claims agst. U. S. 1886: 64; 103; 114. (App. to jols. 27 sess. v. 8; 580 pp.)

——. Stmt. showing resp. shares of several states and territories of U. S. and D. C. under distribution act of Sept. 4, 1841, of residue of net proceeds of public lands sold in half yr. endg. June 30, 1842. Rept. of agt. and counsel for Cal. to gov. for claims agst. U. S. 1886: 64-65; 104-105; 115-116. (*Same* 27 sess. v. 8; 580 pp.)

——. Stmt. of amt. of additional allowance to states of Ohio, Ind., Ill., Mo., Ark., La., Miss., Ala., and Mich., of 10% of net proceeds of public lands sold in half yr. endg. June 30, 1842, under distribution act of Sept. 4, 1841. Rept. of agt. and counsel for Cal. to gov. for claims agst. U. S. 1886: 67; 106; 117. (*Same* 27 sess. v. 8; 580 pp.)

——. Stmt. of amts. accrued to 18 named states up to June 30, 1880, on acct. of 2, 3, and 5% upon net proceeds of sales of public lands within their resp. limits. Rept. of agt. and counsel for Cal. to gov. for claims agst. U. S. 1886: 68; 107; 118. (*Same* 27 sess. v. 8; 580 pp.)

1888. Article from S. F. Chronicle on U. S. land patents issued during yr. (8 A.R. state mineralogist 1887/8: 895-896.)

LAND: NATIONAL DOMAIN—cont'd

1897. Stmt. of U. S. land distrs. showing area in acres of govt. land unappropriated and unreserved, surveyed and unsurveyed, in Cal. for yr. endg. June 30. (Bienn. rept. surveyor gen. 1896/8: 12.)

1901. Tabular stmt. of area of unappropriated U. S. land in Cal., by cos. (Trans. state agric. socy. 1901: 155-157.)

Five Per Cent Fund

1802-1857. Synopsis of federal grants of 5% of proceeds of public lands. (Assem. jol. 9 sess. pp. 303-306.)

1850. Prosecution of agric. land claim on U. S. urged by committee on res. re. same. (Legisl. jol. 1849/50: 812-813.)

1858. Communication from supt. of public instruction re. proceeds of public lands within limits of Cal. (Assem. jol. 9 sess. pp. 302-306.)

——. Setting forth grounds upon which Cal. has right to claim from federal govt. 5% of proceeds, and recommending that state senators and representatives be again instructed to use their efforts to secure the necessary legislation. (8 A.R. supt. public instruction 1858 (pp. 22-24)—9 *same* 1859.)

1886. Rept. re. claim of Cal. to 5% of proceeds of sale of public lands by U. S., amounting to more than half a million dollars, the prospect of receiving which for benefit of public schools is now good. (12 *same* 1884/6: 150.)

——. Table of acts of Congress granting to the several states certain percentum upon net proceeds of sales of public lands. Rept. of agt. and counsel for Cal. to gov. for claims agst. U. S. 1886: 69; 102; 113. (App. to jols. 27 sess. v. 8; 580 pp.)

——. The 5% claim agst. U. S.; rept. of agt. and counsel for Cal. to gov. for claims agst. U. S. 1886: 6-16; 53-120. (*Same* 27 sess. v. 8; 580 pp.)

The exhibits, pp. 53-120, contain texts of state and federal laws and resolutions, state and federal correspondence, tabular matter, etc.

——. Claim for refunded fees paid by Cal. on agric. lands cancelled by U. S. and for moneys recd. by U. S. from sales of lands granted to Cal. as swamp and overflowed lands; rept. of agt. and counsel for Cal. to gov. for claims agst. U. S. 1886: 48-50; 573-580. (*Same* 27 sess. v. 8; 580 pp.)

The exhibits, pp. 573-580, contain correspondence of state surveyor gen. and federal bills and resolutions, etc.

1904. Comments on 5% claim. (Bienn. rept. state controller 1902/4: 27-30.)

Grants; see below, Land Grants

LAND: STATE

serial

Reports

Under Act of April 18, 1850.

1 series

1850-1863/4. Ann. rept. of surveyor gen.

In Collected docs. as follows:

1850 in Leg. jol. 1851: 576-580.*
1850 in Leg. jol. 1851: 894-896.*
1851/2 in App. to Sen. jol. 1853 doc. 3.
1852/3 " " " " " 1854 " 1.
1852/3 " " " Assem. " 1854 " 4.†
1853/4 " " " " " 6 " doc. [5].
1853/4 " " " Sen. " 6 " " [5].
1855 " " " Assem. " 7 " " [5].
1855 " " " Sen. " 7 " " [5].
1856 " " " Assem. " 8 " unnum. doc.
1856 " " " Sen. " 8 " " "
1857 " " " Assem. " 9 " " "
1857 " " " Sen. " 9 " " "
1858 " " " Assem. " 10 " " "
1858 " " " Sen. " 10 " " "
1859 " " " Assem. " 11 " " "

* 576-580 surveyor gen. and co. surveyors; 894-896 surveyor gen. only.

† Sometimes omitted from vol.

LAND: STATE—cont'd

serial—cont'd

Reports—cont'd

1 series—cont'd

1859	in	App.	to	Sen.	jol.	11	sess.	unnum.	doc.
1860	"	"	"	Assem.	"	12	"	"	"
1860	"	"	"	Sen.	"	12	"	"	"
1861	"	"	"	jols.	13	sess.	unnum.	doc.	
1862	"	"	"	"	14	"	"	"	
1863	"	"	"	"	15	"	v. 1	unnum.	doc.
1864*	"	"	"	"	16	"	v. 1	"	"
1865*	"	"	"	"	16	"	v. 1	"	"

2 series

1865/7-1877/9. Bienn. rept. of surveyor gen.

In Collected docs. as follows:

1865/7	in	App.	to	jols.	17	sess.	v. 1	unnum. doc.
1867/9	"	"	"	"	18	"	v. 1	" "
1869/71	"	"	"	"	19	"	v. 1	" "
1871/3	"	"	"	"	20	"	v. 1	" "
1873/5	"	"	"	"	21	"	v. 2	" "
1875/7	"	"	"	"	22	"	v. 1	" "
1877/9	"	"	"	"	23	"	v. 4	" "

3 series

1879/80. Rept. [ann.] of surveyor gen.

In Collected docs. as follows:

1879/80 in App. to jols. 24 sess. v. 1 unnum. doc.

4 series

1880/2-1902/4. Bienn. rept. of surveyor gen.

In Collected docs. as follows:

1880/2	in	App.	to	jols.	25	sess.	v. 1	unnum.	doc.
1882/4	"	"	"	"	26	"	v. 1	"	"
1884/6	"	"	"	"	27	"	v. 1	"	"
1886/8	"	"	"	"	28	"	v. 1	"	"
1888/90	"	"	"	"	29	"	v. 1	"	"
1890/2	"	"	"	"	30	"	v. 1	"	"
1892/4	"	"	"	"	31	"	v. 1	"	"
1894/6	"	"	"	"	32	"	v. 1	doc.	[7].
1896/8	"	"	"	"	33	"	v. 1	"	[6].

1898/00 never printed.

1900/2 in App. to jols. 35 sess. v. 1 doc. [10].

Circulars

Checklist

1852 June 1. To co. surveyors and assessors. Ann. rept. surveyor gen. 1853: 9-12.
Duties under act of April 17, 1850, creating surveyor gens. office and under School Land Bill and under law to provide for a map of Cal.

—— June 15. Same. ib. 12.
Time of making rept.

1853 July 1. Same. ib. 1852/3: 6-9.
Same as June 1, 1852.

1854 June 1. To co. surveyors. ib. 1853/4: 25-28.
Same as June 1, 1852.

—— ——. To co. assessors. ib. 1853/4: 61-62.
Same as June 1, 1852.

1862 Feb. 13. To co. surveyors. ib. 1862: 42.
Collection of flood statistics.

ALAMEDA COUNTY

1853/4-1854/5. Ann. rept. of co. surveyor.

In Documents as follows:

1853/4 in Ann. rept. surveyor gen. 1853/4: 28-30.
Roads, topography, location of land warrants.

1854/5 in Ann. rept. surveyor gen. 1854/5: 208-210.
Mexican grant, overflowed lands, marsh lands, co. boundaries, school land warrants.

AMADOR COUNTY

1859. Ann. rept. of co. surveyor.

In Documents as follows:

1859 in Ann. rept. surveyor gen. 1859: 37-38.
Acreage of claimed and tilled land resp.; indefinite boundary allows criminals to evade law, instancing band of "Silver Lake Robbers."

BUTTE COUNTY

1854/5. Ann. rept. of co. surveyor.

In Documents as follows:

1854/5 in Ann. rept. surveyor gen. 1854/5: 211-212.
Mineral land, swamp and overflowed land, co. boundary, roads.

CALAVERAS COUNTY

1853/4. Ann. rept. of co. surveyor.

In Documents as follows:

1853/4 in Ann. rept. surveyor gen. 1853/4: 30-31.
Records of office destroyed by fire, no. acres agric. and grazing land, opening of "Big Tree" section, roads.

* Bound together.

LAND: STATE—cont'd

serial—cont'd

Circulars—cont'd

COLUSA COUNTY

1854/5-1860. Ann. rept. of co. surveyor.

In Documents as follows:

1854/5 in Ann. rept. surveyor gen. 1854/5: 213-214.
Drainage of swamp lands in co. proposed, tillable land, recommendations for amdmt. to road law.

1855/6-1859 none made.

1860 in Ann. rept. surveyor gen. 1860: 37-39.
Swamp and overflowed lands; irrigation.

CONTRA COSTA COUNTY

1851/2-1853/4. Ann. rept. of co. surveyor.

In Documents as follows:

1851/2 in Ann. rept. surveyor gen. 1852: 50. Brown.
Aggregate no. acres tillable, grazing and govt. land in co.; no. cattle, horses, etc., bushels grain and vegetables grown in co. in yr.

1852/3 none made.

1853/4 in Ann. rept. surveyor gen. 1854/5: 215.
Navigable streams in co.; roads, estimate of tillable land, no. horses, cattle, etc., agric. produce, mineral resources.

EL DORADO COUNTY

1853/4. Ann. rept. of co. surveyor.

In Documents as follows:

1853/4 in Ann. rept. surveyor gen. 1853/4: 31-34.
Location of land warrants, criticism of state map, bridges, co. boundaries, area of co., co. map.

FRESNO COUNTY

1859-1862. Ann. rept. of co. surveyor.

In Documents as follows:

1859 in Ann. rept. surveyor gen. 1859: 38-39.
Navigation San Joaquin River; irrigation; climate; turnpike roads; details of survey of yr.

1860-1861 none made.

1862 in Ann. rept. surveyor gen. 1862: 89-90.

HUMBOLDT COUNTY

1862. Ann. rept. of co. surveyor.

In Documents as follows:

1862 in Ann. rept. surveyor gen. 1862: 90.

LAKE COUNTY

1862. Ann. rept. of co. surveyor.

In Documents as follows:

1862 in Ann. rept. surveyor gen. 1862: 90-91.
Swamp land.

LOS ANGELES COUNTY

1854/5-1860. Ann. rept. of co. surveyor.

In Documents as follows:

1854/5 in Ann. rept. surveyor gen. 1854/5: 216.
Federal litigation agst. land owners, instability of titles to realty, claim of Tulare Co. to Rancho Tejon without foundation, survey of the Vignes vineyard in city of Los Angeles.

1855/6-1859 none made.

1860 in Ann. rept. surveyor gen. 1860: 39-44.
Topography; rivers; mineral resources; location of first gold discovered in Cal.; silver; tilled lands; scarcity of water; grape culture; exorbitant value of money reason for marketing immature wines; accumulation of capital in hands of proprietors of vineyards bad for wine industry; orange culture; roads; school land locations.

MARIN COUNTY

1851/2-1863. Ann. rept. of co. surveyor.

In Documents as follows:

1851/2 in Ann. rept. surveyor gen. 1852: 49.
Character of land.

1852/3 none made.

1853/4 in Ann. rept. surveyor gen. 1853/4: 34-35.
Mexican grants; no. acres located in school warrants, roads, no. horses, cattle, etc., do. fruit trees.

1854/5 in Ann. rept. surveyor gen. 1854/5: 216-217.
School land warrants, swamp land, Bay of Bolinas accessible to vessels of light draft not on state map, no. public improvements in co., co. in debt, no. horses, cattle, etc., fruit trees.

1855/6-1858 none made.

1859 in Ann. rept. surveyor gen. 1859: 40-41.
Swamp and overflowed lands; timber; saw and paper mills; roads; valuation of realty, personalty and improvements, revenue of state, co., road, special and delinquent taxes; school land warrants.

1860 in Ann. rept. surveyor gen. 1860: 44-45.
Spanish and Mexican grants; no. surveys made; swamp and overflowed lands; co. boundary; tax valuation and taxes of co.

1861 in Ann. rept. surveyor gen. 1861: 19-20.
Swamp and overflowed lands; roads and highways.

LAND: STATE—cont'd

serial—cont'd

Circulars—cont'd

MARIN COUNTY—cont'd

1862 in Ann. rept. surveyor gen. 1862 : 91-93.
Marsh and tide lands; school land warrants; co. roads.
1863 in Ann. rept. surveyor gen. 1863 : 111-120.
List of school lands taken in lieu of 16th and 36th sections; swamp and overflowed and tide land surveys; mineral lands; taxable property.

MARIPOSA COUNTY

1853/4. Ann. rept. of co. surveyor.
In Documents as follows:
1853/4 in Ann. rept. surveyor gen. 1853/4 : 35-37.
Proposal for irrigation of dry lands in San Joaquin Valley, swamp and overflowed lands in co.; names of holders and dates of issue of land warrants; grasshopper scourge.

MERCED COUNTY

1854/5-1859. Ann. rept. of co. surveyor.
In Documents as follows:
1854/5 in Ann. rept. surveyor gen. 1854/5 : 218.
Agric. produce, co. boundary.
1855/6-1858 none made.
1859 in Ann. rept. surveyor gen. 1859 : 42-44.
Surveys of swamp and overflowed lands; mineral lands; agric. and mnfg. possibilities of Merced Valley; irrigation.

NAPA COUNTY

1850-1860. Ann. rept. of co. surveyor.
In Documents as follows:
1850 in Legisl. jol. 1851 : 578-579. Brown.
Improvement in navigation of Napa River recommended; state aid for 30 miles of plank road from Napa City north asked for; nature and quantity of crops raised; no. of livestock in co.
1851/2-1852/3 none made.
1853/4 in Ann. rept. surveyor gen. 1853/4 : 37-39.
Agric. socy. formed; no tule lands in co., criticism of state map, list of school land locations.
1854/5-1859 none made.
1860 in Ann. rept. surveyor gen. 1860 : 46-48.
Co. roads and boundaries; bridges and ferries; swamp and overflowed lands; minerals.

NEVADA COUNTY

1854/5. Ann. rept. of co. surveyor.
In Documents as follows:
1854/5 in Ann. rept. surveyor gen. 1854/5 : 218-221.
Swamp land, tillable land only profitable when irrigated, acreage of surveyed pre-emption claims, timber, acreage of wheat, barley, etc., no. horses, cattle, etc., mileage and value of mining ditches, roads, no. and value of quarts mills, output of saw and grist mills.

PLACER COUNTY

1853/4. Ann. rept. of co. surveyor.
In Documents as follows:
1853/4 in Ann. rept. surveyor gen. 1853/4 : 39-40.

PLUMAS COUNTY

1853/4-1857/8. Ann. rept. of co. surveyor.
In Documents as follows:
1853/4 in Ann. rept. surveyor gen. 1853/4 : 40-41.
Names and location of roads, character of land, mineral resources, inaccuracy of state map.
1854/5 in Ann. rept. surveyor gen. 1854/5 : 221-222.
Swamp lands, school land warrants.
1855/6-1856/7 not printed.
For these yrs. there are included in the ann. rept. of the surveyor gen. folding tables summarizing the co. surveyors' returns.
1857/8 in Ann. rept. surveyor gen. 1858 : 37-39.
Nature of surveyed and unsurveyed land resp.; co. boundaries; roads; mining school land warrants; press.

SACRAMENTO COUNTY

1853/4. Ann. rept. of co. surveyor.
In Documents as follows:
1853/4 in Ann. rept. surveyor gen. 1853/4 : 41-43.
Division of co. into townships and sections, difficulties arising from existing pre-emption laws, swamp and overflowed lands in co.

SAN BERNARDINO COUNTY

1853/4-1854/5. Ann. rept. of co. surveyor.
In Documents as follows:
1853/4 in Ann. rept. surveyor gen. 1853/4 : 44.
Route of Great Pacific R.R.
1854/5 in Ann. rept. surveyor gen. 1854/5 : 222.
Improvement of road through Cajon Pass, artesian wells on road to Salt Lake City recommended.

LAND: STATE—cont'd

serial—cont'd

Circulars—cont'd

SAN DIEGO COUNTY

1854/5. Ann. rept. of co. surveyor.
In Documents as follows:
1854/5 in Ann. rept. surveyor gen. 1854/5 : 223-230.
Co. boundaries, area, surveys in co., occupancy of land, Mexican and Spanish titles, Mission San Luis Rey Mission San Diego, internal improvements, roads, wharves, San Diego and Gila R.R., mnfg. facilities, supply of water, navigation of Colorado, mineral resources, wagon road to the Colorado, criticism of state map.

SAN FRANCISCO COUNTY

1853/4-1861. Ann. rept. of co. surveyor.
In Documents as follows:
1853/4 in Ann. rept. surveyor gen. 1853/4 : 44-45.
School land warrants, swamp or overflowed lands, co. boundaries.
1854/5 in Ann. rept. surveyor gen. 1854/5 : 239.
Swamp and overflowed lands, co. boundaries.
1855/6-1860 none made.
1861 in Ann. rept. surveyor gen. 1861 : 24.

SAN JOAQUIN COUNTY

1853/4-1862. Ann. rept. of co. surveyor.
In Documents as follows:
1853/4 in Ann. rept. surveyor gen. 1853/4 : 45-46.
Bridges, inaccuracy of state map.
1854/5 in Ann. rept. surveyor gen. 1854/5 : 240-242.
Surveys of swamp land, tule lands, co. roads and bridges, artesian well.
1855/6-1856/7 none made.
1857/8 in Ann. rept. surveyor gen. 1858 : 40-43.
Ferries and toll-bridges; artesian wells; co. roads; co. boundaries; area; swamp land surveys; school land warrants.
1859 in Ann. rept. surveyor gen. 1859 : 46-47.
1860 " " " " " 1860 : 48-49.
Swamp land locations.
1861 in Ann. rept. surveyor gen. 1861 : 24-26.
Swamp and overflowed lands; co. roads.
1862 in Ann. rept. surveyor gen. 1862 : 93-95.
Swamp and overflowed lands; school land under old warrants; school land locations in lieu of 16th and 36th sections on unsurveyed lands.

SANTA BARBARA COUNTY

1851/2. Ann. rept. of co. surveyor.
In Documents as follows:
1851/2 in Ann. rept. surveyor gen. 1852 : 51. Wackenreuder.

SANTA CLARA COUNTY

1851/2-1861. Ann. rept. of co. surveyor.
In Documents as follows:
1851/2 in Ann. rept. surveyor gen. 1852 : 34-38. Lewis.
Boundaries, topography, area, arable land, mines and mineral lands, towns and villages, lumber and milling.
1852/3 none made.
1853/4 in Ann. rept. surveyor gen. 1853/4 : 47-48.
School land locations, survey of Spanish and Mexican grants, swamp or overflowed lands, co. boundaries, error in state map, topography, area, quantity agric. produce, mills, timber, mineral resources, artesian wells.
1854/5 in Ann. rept. surveyor gen. 1854/5 : 242-246.
School land warrants, swamp and overflowed lands, co. map, acreage and quantity of agric. produce, no. each kind fruit trees, artesian wells, schools, no. and produce of saw and flour mills, roads.
1855/6-1860 none made.
1861 in Ann. rept. surveyor gen. 1861 : 22-23.
Swamp lands; r.r.

SANTA CRUZ COUNTY

1850-1854/5. Ann. rept. of co. surveyor.
In Documents as follows:
1850 in Legisl. jol. 1851 : 579-580. Kellogg.
No. of livestock in co.
1851/2 in Ann. rept. surveyor gen. 1852 : 52-53. Wright.
Acres of arable land, livestock, agric. products, mineral resources.
1852/3-1853/4 none made.
1854/5 in Ann. rept. surveyor gen. 1854/5 : 246-248.
Timber, mineral lands, road system.

SHASTA COUNTY

1851/2-1854/5. Ann. rept. of co. surveyor.
In Documents as follows:
1851/2 in Ann. rept. surveyor gen. 1852 : 46. Vosburgh.
No. sq. acres arable land in co. and where situated.
1852/3 none made.

LAND: STATE—cont'd

serial—cont'd

Circulars—cont'd

SHASTA COUNTY—cont'd

1853/4 in Ann. rept. surveyor gen. 1853/4 : 49.
1854/5 " " " " " 1854/5 : 248-250.
Improvement of Sacramento River, road system, immigrant road, timber, mineral springs, mining ditches, swamp and overflowed lands.

SIERRA COUNTY

1853/4. Ann. rept. of co. surveyor.
In Documents as follows:
1853/4 in Ann. rept. surveyor gen. 1853/4 : 49-52.
Discrepancies in state map, roads, overflowed or swamp lands, acres cultivated land, acres tillable, no. horses, cattle, etc., agric. produce, mineral resources, stage route.

SISKIYOU COUNTY

1851/2-1861. Ann. rept. of co. surveyor.
In Documents as follows:
1851/2 in Ann. rept. surveyor gen. 1852 : 39-42. Lowry.
Topography and water power; sketch of country betw. Yreka City and the coast.
1852/3 none made.
1853/4 in Ann. rept. surveyor gen. 1853/4 : 52-54.
Co. boundaries, public lands, swamp and overflowed lands, mines, that portion of 500,000 acre grant in co.; no. of horses, cattle, etc., agric. produce.
1854/5 in Ann. rept. surveyor gen. 1854/5 : 250-252.
Gold mines, 500,000 acre grant, no. horses, cattle, etc., acreage of agric. products, ferries, bridges, road from Yreka to Red Bluff.
1855/6-1860 none made.
1861 in Ann. rept. surveyor gen. 1861 : 21-22.
Details of surveyed and unsurveyed lands; swamp and overflowed lands; school and seminary lands.

SOLANO COUNTY

1853/4-1862. Ann. rept. of co. surveyor.
In Documents as follows:
1853/4 in Ann. rept. surveyor gen. 1853/4 : 54-57.
Quantity state land, do. tule land in co., tilled area, agric. produce, no. horses, cattle, etc., criticism of state map, school land warrants.
1854/5 in Ann. rept. surveyor gen. 1854/5 : 253-255.
Acreage of each kind of land in co., acreage and yield of agric. produce, mills, artesian wells, no. horses, etc., co. boundary, canal from Puta Creek to Sacramento River proposed.
1855/6-1861 none made.
1862 in Ann. rept. surveyor gen. 1862 : 95-97.
Swamp and overflowed lands; location of school warrants (500,000 acre tract); 16th and 36th sections.

SONOMA AND MENDOCINO COUNTIES

1858-1860. Ann. rept. of co. surveyor.
In Documents as follows:
1858 in Ann. rept. surveyor gen. 1858 : 44-45.
Lands; timber; minerals; ferries; canals; co. boundaries; school land warrants.
1859 in Ann. rept. surveyor gen. 1859 : 47-49.
Sonoma co. only. Ferries, roads, telegraphs, swamp lands, school land warrants.
1860 in Ann. rept. surveyor gen. 1860 : 49-51.
Ferries; artesian wells; roads; r.rs.; telegraphs; co. boundaries; reclamation of swamp and overflowed lands; school land warrants.

STANISLAUS COUNTY

1853/4-1859. Ann. rept. of co. surveyor.
In Documents as follows:
1853/4 in Ann. rept. surveyor gen. 1853/4 : 57-58.
Navigability of San Joaquin River; mineral resources, school land warrants; quantity overflowed land in co.; tillable land.
1854/5-1858 none made.
1859 in Ann. rept. surveyor gen. 1859 : 44-46.
Improvement of San Joaquin River; roads; irrigation; placer mining; water co.; swamp and overflowed land; Spanish grants.

SUTTER COUNTY

1854/5-1863. Ann. rept. of co. surveyor.
In Documents as follows:
1854/5 in Ann. rept. surveyor gen. 1854/5 : 255-256.
Area, topography, produce, boundary, internal improvements.
1855/6-1859 none made.
1860 in Ann. rept. surveyor gen. 1860 : 51-53.
Mexican grants; swamp lands.
1861-1862 none made.
1863 in Ann. rept. surveyor gen. 1863 : 121-122.
General remarks on swamp and overflowed land surveys; school land locations.

LAND: STATE—cont'd

serial—cont'd

Circulars—cont'd

TEHAMA COUNTY

1859. Ann. rept. of co. surveyor.
In Documents as follows:
1859 in Ann. rept. surveyor gen. 1859 : 49-58.
Topography; soils; timber; mining; coal; freestone (asbestos); mineral springs; salt works; agric. produce; no. and value of horses, cattle, etc.; Mexican grants; swamp and overflowed lands.

TRINITY COUNTY

1851/2. Ann. rept. of co. surveyor.
In Documents as follows:
1851/2 in Ann. rept. surveyor gen. 1852 : 47. Hart.
Estimates of arable land, agric. products, livestock.

TUOLUMNE COUNTY

1853/4. Ann. rept. of co. surveyor.
In Documents as follows:
1853/4 in Ann. rept. surveyor gen. 1853/4 : 58-60.
Description of Stanislaus and Tuolumne Rivers, Emigrant road, timber, state lands, co. boundaries.

YOLO COUNTY

1854/5-1862. Ann. rept. of co. surveyor.
In Documents as follows:
1854/5 in Ann. rept. surveyor gen. 1854/5 : 257-259.
Co. boundaries, swamp lands, tilled land, agric. produce, roads.
1855/6-1861 none made.
1862 in Ann. rept. surveyor gen. 1862 : 97-100.
Water courses; flood of 1861; swamp land reclamation.

YUBA COUNTY

1851/2. Ann. rept. of co. surveyor.
In Documents as follows:
1851/2 in Ann. rept. surveyor gen. 1852 : 43-45. Scott.
Table showing in acres bottom lands situated on rivers and creeks, do. riparian lands cultivatable without irrigation, arid lands only cultivatable by irrigation, valley and arable lands on w. slope of Sierra Nevada, mineral lands unsusceptible of cultivation; estimate of aggregate no. of horses and cattle in co.; do. of agric. produce of various kinds; value of gold produced in co. in preceding yr.; capital invested in co. in quarts, placer and river mining, in merchandise and trading and in lumbering.

non-serial

1850. Majority and minority repts. of committee on res. re. public domain, mineral lands, custom houses, branch of U. S. mint, and certain moneys rightfully belonging to state of Cal. (Legisl. jol. 1849/50: 802-817.)

1852. Surveyor gens. special rept. on extent of various classes of lands in state (school lands, mineral lands, etc.), and possibility of obtaining further grants from U. S. (App. to Sen. jol. 1852: 615-639.)

——. Same; separate. 24 pp.

——. Extension of pre-emption and donation system of land grants urged. (Govs. inaugural address 1852.)

——. Adoption urged of system for disposing of lands granted to state by various acts of Congress. (Govs. ann. mess. 1852.)

1854. Remarks on state lands, and recommendation for creation of bd. of land comrs. (A.R. surveyor gen. 1854: 8-11.)

——. Tabular exhibits from rept. of sales by Cal. land comrs. 9 pp. (App. to Assem. jol. 6 sess. doc. [10].)

1855. Rept. of Sen. special committee re. state land sales at S. F., Oct. 10, alleging undue haste on part of auctioneer; rept. also presents testimony in case entitled, The People of the State of Cal. vs. W. H. Talmadge, Jesse Carothers, intervenor. 55 pp. (App. to Sen. jol. 7 sess. doc. [18].)

1856. Rept. of select committee to examine into affairs of late state land comn., showing undue haste and lack of precaution in sales of Oct. 10, 1855, with review of circumstances connected with suit of said land comrs. agst. agt. of J. Carothers to recover

LAND: STATE—cont'd

non-serial—cont'd

lands fraudulently promised him by late atty. gen., with testimony and acc. docs. (Sen. jol. 7 sess. pp. 608-652.)

1856. Suggested that measures be taken to locate and survey lands of state, and cause maps and plats of same to be deposited in office of secy. of state; after which to abolish office of surveyor gen. (A.R. state comptroller 1855/6: 5.)

1857-1881. Table showing no. of acres of public lands in Cal. sold each yr., amt. recd. and expenses of sale. Rept. of agt. and counsel of Cal. to gov. for claims agst. U. S. 1886: 63. (App. to jols. 27 sess. v. 8; 580 pp.)

1859. Repr. of newspaper article on public lands of Cal. (Trans. state agric. socy. 1859: 361-363.)

1861. Evidence taken before swamp land committee going to prove that certain lands in state were improperly included in general survey of U. S. govt., being in reality, unless reclaimed by levees and ditches, uncultivatable by reason of frequent inundation, 1861. 12 pp. (App. to Assem. jol. 12 sess. doc. [28].)

1862-1872. Remarks on state land laws. (A.R. surveyor gen. 1862 (pp. 18-21)—bienn. rept. *same* 1870/2.)

1864-1865. Stmt. of state lands, showing amt. of land which has become property of state under various grants. (A.R. *same* 1864 (p. 23)—*same* 1865.)

1868. Rept. of committee on public lands re. lands in New San Diego. 5 pp. (App. to jols. 17 sess. v. 3 unnum. doc.)

——. Rept. of public land committee, with statistical tables, showing condition of all public lands in state. 6 pp. (*Same* 17 sess. v. 3 [doc. 13].)

1869-1871. Comments on state lands, amt. sold, and approximate amt. remaining unsold. (Bienn. rept. surveyor gen. 1867/9 (pp. 5-6)—*same* 1869/71.)

1878. Petition of H. M. Naglee. 4 pp. (App. to jols. 22 sess. v. 4 [doc. 22].)

Praying for centralization of system of land reclamation.

1879. Stmt. giving whole amt. of land listed to state under various land grants. (Bienn. rept. surveyor gen. 1877/9: 3.)

1879-1904. Stmt. showing land listed to state by U. S. under various land grants. (*Same* 1877/9 (p. 3)—*same* 1902/4.)

No repts. 1898/00.

1885. Increasing demand for public lands in state; small farmers commended. (Trans. state agric. socy. 1885: 182.)

1886. Comment on land laws and land acquisition in state; better administration of laws needed, not their repeal. (*Same* 1886: 197-199.)

1891. The right to tax unpatented r.r. lands, and govt. lands for which land office receipts have been issued; opinion 99, atty. gen. (Hart). 15 pp.

Not seen; entry from Bowker.

Expenditures

1882-1884. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for state lands. (Bienn. rept. state controller 1880/82 (p. 66)—*same* 1882/4.)

SURVEYOR GENERAL'S OFFICE

1855. List of required and actual apprns. (A.R. surveyor gen. 1855: 5-6.)

——. Stmt. of expenditures of surveyor gens. office. (*Same* 1855: 65.)

——. Stmt. showing for what purpose the contingent fund has been expended. (*Same* 1855: 66-68.)

LAND: STATE—cont'd

Expenditures—cont'd

SURVEYOR GENERAL'S OFFICE—cont'd

1855. Exhibit consisting of certified accts. of J. Hackett, G. H. Goddard, T. Tennant, U. S. surveyor gen., and F. Foreman et al. (*Same* 1855: 70-75.)

——. Stmt. of recommended apprns. (*Same* 1855: 58.)

——. Stmt. showing amt. due surveyor gen. for cash expenditures for state, beyond apprns. (*Same* 1855: 68-70.)

——. Stmt. of deficiencies of surveyor gens. office. (*Same* 1855: 66.)

1856. Rept. of surveyor gen. re. expenditures from contingent fund, yr. endg. Feb., with itemized exhibit of same. (Assem. jol. 1856: 269-280.)

1858. Estimate of apprns. required for surveyor gens. office. (Sen. jol. 9 sess. p. 303.)

1858-1877. Receipts and expenditures, etc., of surveyor gens. and state land offices, from Jan., 1858, to June 30, 1877. (Bienn. rept. surveyor gen. 1875/7: 15.)

1859. Stmt. of expenditures of contingent fund of surveyor gens. office. (Sen. jol. 11 sess. p. 185.)

——. Stmt. of contingent expenses of state land office. (*Same* 11 sess. p. 184.)

1860. Estimate of contingent expenses of land office for 11th fiscal yr. (*Same* 10 sess. p. 241.)

——. Estimate of contingent expenses of surveyor gens. office for 11th fiscal yr. (*Same* 10 sess. p. 241.)

1863. Table showing amts. paid to the several co. treasurers as principal and interest upon purchases of various classes of lands. (A.R. surveyor gen. 1863: 28.)

1863-1867. Stmt. of expenditures of all apprns. other than salaries for offices of surveyor gen. and register of state land office from date of last rept. to Dec. 1. (*Same* 1863 (p. 29)—bienn. rept. *same* 1865/7.)

1882-1888. Stmt. of expenditures, other than salaries, for 31st and 32d fiscal yrs. (Bienn. rept. *same* 1880/2 (p. 38½)—*same* 1886/8.)

1882-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for surveyor gen. (Bienn. rept. state controller 1880/2 (p. 58)—*same* 1902/4.)

1904. Stmt. of disbursements of special fund apprn. by 35th sess. of legisl. for furnishing and repairing office of state surveyor gen. (Bienn. rept. surveyor gen. 1902/4: 23.)

SWAMP LANDS

Including both receipts and expenditures.

1855-1858. Stmt. showing amts. paid into general fund from sale of swamp lands in several cos., from July 17, 1855, to July 2, 1858, total amt. being transferred therefrom by act of legisl. Apr., 1876, to swamp land fund. (Bienn. rept. state controller 1875/7: 10.)

——. Stmt. of amts. recd. into state treasury from swamp and overflowed lands from various cos. (Sen. jol. 9 sess. pp. 306-307; Assem. jol. pp. 322-323.)

1858-1879. Swamp land fund; receipts and payments. (A.R. state treasurer 1857/8 (pp. 30-31)—bienn. rept. *same* 1877/9.)

1859/60. Table giving receipts from sales of swamp and overflowed lands, from Dec. 15, 1859, to Dec. 15, 1860. (A.R. surveyor gen. 1860: 11.)

1860. Stmt. showing swamp land fund. (*Same* 1860: 10.)

1861. Accts. approved by bd. of swamp land comrs. and payable from general land fund. (1 A.R. swamp land comrs. 1861: 48-51.)

LAND: STATE—cont'd

Expenditures—cont'd

SWAMP LANDS—cont'd

1861. Accts. approved by bd. of swamp land comrs. from different distrs. (1 *same* 1861: 32-48.)

——. Aggregate items exhibiting total amt. of money expended by swamp land comrs. from organization of bd. up to Nov. 30, 1861. (1 *same* 1861: 53.)

1861-1877. Stmt. of condition of swamp land fund, June 30, 1861. (A.R. state controller 1860/1 (pp. 34-35)—bienn. rept. *same* 1875/7.)

1864/5-1867. Swamp land distr. no. 1; receipts and payments. (Bienn. rept. state treasurer 1863/5 (p. 21—*same* 1865/7.)

——. Same; no. 2; receipts and payments. (*Same* 1863/5 (p. 22)—*same* 1865/7.)

——. Same; no. 5; receipts and payments. (*Same* 1863/5 (p. 23)—*same* 1865/7.)

——. Same; no. 4; receipts and payments. (*Same* 1863/5 (p. 22)—*same* 1865/7.)

——. Same; no. 7; receipts and payments. (*Same* 1863/5 (p. 23)—*same* 1865/7.)

——. Same; no. 8; receipts and payments. (*Same* 1863/5 (p. 24)—*same* 1865/7.)

——. Same; no. 16; receipts and payments. (*Same* 1863/5 (p. 24)—*same* 1865/7.)

——. Same; no. 17; receipts and payments. (*Same* 1863/5 (p. 25)—*same* 1865/7.)

——. Same; no. 18; receipts and payments. (*Same* 1863/5 (p. 25)—*same* 1865/7.)

——. Same; no. 38; receipts and payments. (*Same* 1863/5 (p. 26)—*same* 1865/7.)

——. Same; no. 39; receipts and payments. (*Same* 1863/5 (p. 26)—*same* 1865/7.)

1865. Stmt. giving amts. expended in surveys, estimates, etc., in class of distrs. last named, since their first organization. (Rept. swamp land comrs. 1864/5: 18.)

——. Stmt. giving total amt. of cash at any time or in any manner paid out of or withdrawn from swamp land fund, through agency of first and present bds. of swamp land comrs. to present time. (*Same* 1864/5: 18-19.)

1865-1892. Stmt. of condition of swamp land fund in various distrs. (A.R. state controller 1864/5 (pp. 94-101)—*same* 1890/2.)

1865/7. Swamp land distr. no. 31; receipts and payments. (Bienn. rept. state treasurer 1865/7: 25.)

——. Same; no. 41; receipts and payments. (*Same* 1865/7: 26.)

——. Same; no. 6; receipts and payment. (*Same* 1865/7: 23.)

——. Same; no. 3; receipts and payments. (*Same* 1865/7: 21.)

1865/7-1884. Receipts and payments of various swamp land distrs. (*Same* 1865/7 (pp. 21-33)—*same* 1882/4.)

1867-1871. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for reclamation of swamp and overflowed lands. (Bienn. rept. state controller 1865/7 (pp. 76-77)—*same* 1869/71.)

1873/5-1884. Swamp land distr. no. 5 sinking and interest fund; receipts and payments. (Bienn. rept. state treasurer 1873/5 (p. 30)—*same* 1882/4.)

1874. Stmt. of amt. of outstanding warrants drawn agst. funds of swamp land distrs. (Assem jol. 20 sess. p. 451.)

1877. Stmts. of amts. transferred from swamp land fund to swamp land distr. funds; also amts. paid to several cos. from fund, as per act of legisl. dated Apr. 1, 1876. (Bienn. rept. state controller 1875/7: 11.)

LAND: STATE—cont'd

Expenditures—cont'd

SWAMP LANDS—cont'd

1892. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for repayment to co. treasurers, swamp land distr. funds. (*Same* 1890/2: 68.)

TIDE LANDS

1868/9-1870. Detailed rept. of disbursements and receipts. (Rept. tide land comrs. 1868/9 (pp. 21-29) —*same* 1869/70.)

1869. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for expenses of sale of tide lands at S. F. (Bienn. rept. state controller 1867/9: 63.)

1871. Same; survey and sale of tide lands. (*Same* 1869/71: 49.)

Homestead

1849. Homestead enactment required. (Govs. ann. mess. 1849.)

1850. Homestead exemption provision of constitution not yet carried out. (*Same* 1851.)

1851. Rept. favoring passage of homestead bill. (Legisl. jol. 1851: 752.)

1852. Form of memorial asking federal donations of public land to actual settlers, reviewing damages and heavy costs of immigration, and difficulties of agric. in Cal. as result of Indian hostilities, dryness of country and excessive price of supplies, etc., and citing contributions of Cal. to prosperity of country as further reason for liberal grants by Congress. (App. to Sen. jol. 1852: 575-592.)

——. Rept. of committee on public lands re. best size for proposed donations of land to settlers. (Assem. jol. 1852: 179-180.)

1855. Homestead exemption and further protection for actual settlers demanded by unsettled condition of land titles. (Govs. ann. mess. 1855: 18.)

1856. Suggestion to require owners of soil to pay for improvements by settlers, as measure for protection of actual settlers made necessary by uncertainty of lives and land titles. (*Same* 1856: 24.)

——. Memorial of farmers and actual settlers of Sonoma Co. praying for prompt passage of law to protect persons making permanent improvements on lands, in belief that same were pre-emptable, showing depression of farming interests as result of lack of such protection. (Sen. jol. 7 sess. p. 438.)

1857. Rept. of minority opposing passage of act to repeal act for protection of actual settlers and to quiet land titles in state. (Assem. jol. 8 sess. pp. 825-828.)

1858. Rept. favoring passage of res. asking Congress to so modify pre-emption laws of state as to allow right of pre-emption upon all lands not segregated from public domain as private property. (Sen. jol. 9 sess. pp. 274-275.)

1861. Govs. mess. re. existing difficulties in Sta. Clara Co., May 6, 1861; requesting apprn. for enforcing law and evicting unwilling settlers, Wm. D. Raymond, and others, from land grant given to Antonio Chabolla by U. S. patent, the "squatters' declaration of rights" is included. 13 pp. (App. to Sen. jol. 12 sess. doc. [22]; App. to Assem. jol. 12 sess. doc. [23].)

Law

1868. Public land law. Providing for sale and mngmt. of lands belonging to Cal. 26 pp.
Title from cover. Library of Congress.

LAND: STATE—cont'd

Law—cont'd

1904. Suppl. rept. containing digest of existing laws relating to sale of lands granted to state by several acts of Congress as enacted by legisl. (Bienn. rept. surveyor gen. 1902/4: 24-38.)

Marsh and Tide Lands

1858-1861. Tide lands; no. of acres sold in Mendocino and Alameda cos. in 1862; total sold each yr., 1858-1861. (A.R. surveyor gen. 1862: 14.)

1859-1861. Stmt. of acres of tide lands in Solano and Humboldt cos. resp., returned to surveyor gens. office under acts of 1858 and 1859. (*Same* 1859 (p. 6)—*same* 1861.)

1862. Rept. of jt. committee re. alleged fraudulent interpolation in Sen. bill 73, act to provide for sale of marsh and tide lands of state, approved May 14, 1861; disputed amdmt. reading "excepting alcade grants, which are hereby ratified and confirmed"; with testimony. 72 pp. (App. to jols. 13 sess. doc. [14].)

1863. Suits brought during past yr. involving large sums of money; prison lands, marsh and tide lands, and alcalde grants, etc. (A.R. atty. gen. 1863: 5.)

——. Stmt. of acreage of tide lands sold in Solano, Sta. Barbara, and S. F. cos., and description of same. (A.R. surveyor gen. 1863: 27.)

1864-1865. Stmt. of aggregate no. of acres of salt marsh and tide lands sold. (*Same* 1863/4 (p. 27)—*same* 1864/5.)

——. Action of atty. gen. in matter of settling vexed question of title to lands at Point St. Quentin, and to obtain for state sufficient land for purposes of efficient prison mngmt.; also discussion of complications growing out of same re. certificates of purchase issued for land lying within marsh and tide lands hitherto thought reserved from sale. (A.R. atty. gen. 1865: 4-9.)

1870. Sales; r.r. right of way and res. in regard to claimants. (Rept. tide land comrs. 1869/70: 8-10.)
First sale of tide lands in Marin Co.; comment and text of res. re. belt line and re. claimants to tide lands in Marin Co.

——. Majority and minority repts. on Assem. bill 68 re. grant by state of certain tide-water lands in Marin Co. and in S. F. to N. P. R.R. Co. 6 pp. (App. to jols. 18 sess. v. 3 doc. [54].)

EXPENDITURES FOR; see above, EXPENDITURES. TIDE LANDS

Mineral

1852. Lease or sale of mining lands deprecated as tending to encourage monopolies. (Govs. special mess. Jan. 30, 1852.)

——. Lease or sale of mineral lands deprecated as encouraging dangerous monopolies, and continuance of policy of free mines urged. (Govs. ann. mess. 1852.)

1853. Action urged to secure repeal by Congress of recent decisions of bd. of land comrs. confirming extensive tracts of mineral lands to claimants. (*Same* 1853.)

1854. Suggestion for separation of agric. and mineral lands. (A.R. surveyor gen. 1854: 8.)

1857. Rept. of committee on con. res. re. mineral lands in state. (Assem. jol. 8 sess. pp. 802-803.)

——. Majority rept. of mines and mining interests committee re. ownership of minerals, in lands granted to private persons by Spain or Mexico prior to treaty of Guadalupe Hidalgo, and bringing up question of eminent domain of Cal. 4 pp. (App. to Sen. jol. 8 sess. doc. [8].)

——. Same; minority rept. 8 pp. (*Same* 8 sess. doc. [7].)

LAND: STATE—cont'd

Mineral—cont'd

1857. Same; majority and minority repts. (Sen. jol. 8 sess. pp. 274-281.)

1859. Rept. on Sen. jt. res. re. reserving, in all sales of public lands, the minerals therein contained. (*Same* 10 sess. pp. 527-528.)

1865. Agric. lands in mineral distrs.; segregation of those lands from the minerals suggested, that they may be sold for cultivation. (Trans. state agric. socy. 1864/5: 76-77.)

1882. Coal land law and regulations thereunder. (7 *same* 1886/7: 57-61.)

1890. Mineral lands within r.r. grant, Eagle Bird Mine, Nevada Co.—case of G. H. Francoeur vs. O. Newhouse, U. S. Circuit Court, no. circuit, no. distr. of Cal. (10 *same* 1889/90: 930-937.)

1904. Illegal entry of mineral lands. (Rept. bd. trustees state mining bureau 1902/4: 12.)

Public Building Land

By act of Congress of March 3, 1853, Cal. was granted 10 sections of land to provide revenue for public buildings.

1853. Review of provisions of act of Congress, approved Mch. 3, 1853, donating lands to state for public bldgs. (Govs. ann. mess. 1854: 22-23.)

1858. Comments on public bldg. lands, and recommendation that law be immediately passed, authorizing sale of such lands. (A.R. surveyor gen. 1858: 26-27.)

1859-1865. Stmt. of disposition of public bldg. lands. (*Same* 1859 (p. 9)—*same* 1865.)

1867. List of lands certified to state by U. S. as part of grant of 10 secs. for purpose of public bldgs. (Bienn. rept. *same* 1865/7: 47.)

1879. Suppl. rept. re. grants of 10 secs. for public bldgs., 72 secs. for seminary of learning, and 500,000 acres for internal improvements. 235 pp. (*Same* 1877/9.)

FUND

1867. Stmt. of condition of public bldg. land fund. (Bienn. rept. surveyor gen. 1865/7: 41.)

Railroad Lands

1869. Approval of the two 30-acre tracts donated to the r.r. cos. (Rept. tide land comrs. 1868/9: 14-16.)

Revenue from

1858-1862. State land funds; stmt. showing sums paid to co. treasurers on sales of school, seminary, and public bldg. lands, resp.; comment. (A.R. surveyor gen. 1862: 14-16.)

1866-1904. Amt. of fees collected by register of land office, and paid to state treasurer. (Bienn. rept. *same* 1886/8 (p. 8)—*same* 1902/4.)
No rept. 1898/00.

1886-1894. Amt. of fees collected for attesting patents and paid to secy. of state. (*Same* 1886/8 (p. 9)—*same* 1892/4.)

1886-1904. Amt. collected as surveyor gen. and paid into state treasury. (*Same* 1886/8 (p. 8)—*same* 1902/4.)
No rept. for 1898/00.

1889-1904. Amt. of deposits recd. by surveyor gen. under acts of Mch. 20, 1889, and to Aug. 1, 1890, and paid into state treasury. (*Same* 1888/90 (p. 8)—*same* 1902/4.)
No rept. for 1898/00.

1896-1904. Financial recapitulation of fees. (*Same* 1894/6 (p. 6)—*same* 1902/4.)
No rept. for 1898/00.

SCHOOL LAND

1852. Tabular stmt. of total no. of school land warrants sold and proceeds thereof up to Dec. 15, 1852, incl. under act of May 3, 1852. (A.R. state comptroller 1851/2: 31.)

LAND: STATE—cont'd
Revenue from—cont'd
SCHOOL LAND—cont'd
1853. On provisions made by law and revenue for common schools, and stmt. of total no. of school land warrants sold, proceeds thereof up to June 30, 1853, under act approved May 3, 1852. (*Same* 1852/3: 48.)
1861-1869. Stmt. of condition of state school land fund, June 30, 1861. (*Same* 1860/1 (pp. 30-31)—bienn. rept. *same* 1867/9.)
1862. Rept. of controller re. school land moneys; amts. recd. from sale of 500,000-acre grant and 36th and 16th secs., and disposition of money. 4 pp. (App. to jols. 13 sess. unnum. doc.)
1865. On school land fund; how it is being diminished. (A.R. surveyor gen. 1864/5: 108-109.)
1867. Stmt. of seminary land fund. (Bienn. rept. *same* 1865/7: 41.)
1870-1880. Stmt. of condition of school land fund. (4 bienn. rept. supt. public instruction 1870/1 (pp. 176-178)—9 *same* 1879/80.)
Not given in 1874/5.
1873-1904. Stmt. of condition of state school land fund. (Bienn. rept. state controller 1871/3 (pp. 128-129)—*same* 1902/4.)
1890-1892. Same; school land deposit fund. (*Same* 1888/90 (p. 92)—*same* 1890/2.)
1894-1904. Same; state school land deposit fund. (*Same* 1892/4 (p. 86)—*same* 1902/4.)
1896-1904. Amts. recd. by co. treasurers for state principal and interest on acct. of sales of school lands. (Bienn. rept. surveyor gen. 1894/6 (p. 8)—*same* 1902/4.)
No rept. 1898/00.
SWAMP AND OVERFLOWED LAND; see above, EXPENDITURES
WATER FRONT PROPERTY; see LAND
School Land
See also Land: National Domain. Five Per Cent Fund.
1841-1853. Review of legislation granting lands to state for educational purposes, showing amt. and value of lands available for same. (Govs. special mess. May 8, 1854.)
1849-1867. School lands of Cal.; review of legislation re. same. (2 bienn. rept. supt. public instruction 1866/7: 51-53.)
1850-1856. Brief review of state legislation re. schools and school lands; importance of ascertaining state of school lands within each co.; communication from co. supt. of Humboldt re. same, being the only rept. on this subject recd. by state supt. (6 A.R. *same* 1856: 3-6.)
1851. Future revenue for educational purposes in state chiefly to be derived from sale of public lands; comment on grants of land made by acts of Congress, and state legislation appropriating same to educational purposes; also suggestions re. its disposition and investment of revenue. (1 *same* 1851: 807-811.)
Paging from Collected docs.
1854. Review of aggregate of lands and funds set apart for school revenue. (Govs. ann. mess. 1854: 21.)
——. Govs. mess. re. importance of securing benefits of educational land grants made by Congress at various times. (Assem. jol. 1854: 135-136.)
1855. Act for selection of school lands donated by Congress unwise, and provision for a prompter selection urged. (Govs. ann. mess. 1856: 25.)
——. School lands; 16th and 36th secs., Univ. and 500,000-acre grant; on operations during yr. (A.R. surveyor gen. 1855: 26-30.)
LAND: STATE—cont'd
School Land—cont'd
1855. Suggestion of proper measures to be taken to secure resources of school lands from loss and realize income due from same. (5 A.R. supt. public instruction 1855: 5-7.)
1855-1857. Comments on state lands—school lands; swamp and overflowed lands. (A.R. surveyor gen. 1855 (pp. 26-32)—*same* 1857.)
1857. School lands; laws re. disposition and selection ineffective; recommendations. (A.R. supt. public instruction 1857: 7.)
1861. Table of acres of school, seminary, and public bldg. lands sold to date for cash. (A.R. surveyor gen. 1861: 11.)
1871. Recommendation that bd. of examiners be authorized to invest moneys derived from state school lands in bonds of U. S.; also comments on school fund. (Bienn. rept. state controller 1869/71: 7-8.)
1872. Rept. of special committee on res. of Mr. Barker, of Nevada Co., re. land monopoly, etc. 20 pp. (App. to jols. 19 sess. v. 2 unnum. doc.)
——. Rept. of special committee on Barker res. of Nevada Co. concerning land monopoly, etc.; condemnation of existing land laws which permit individuals to monopolize school lands in Cal. for speculation; resolving that remaining land be sold to actual settlers only, at more nearly their true value, and that surveys be extended, and information, statistics, and maps be open to public in order that applications, assessments, etc., may be adjusted; also that credit be given for only a small proportion of value of timbered lands. 20 pp. (*Same* 19 sess. v. 2 doc. [8].)
——. Rept. [adverse] of jt. committee to inquire into and rept. upon condition of public and state lands lying within limits of state; so-called pernicious segregation by state and by speculators of school lands, including alleged swamp and overflowed lands which testimony shows to have been claimed by U. S. surveyors and occupied by settlers as dry and cultivatable secs.; ownership of settlers endangered thereby. 64 pp. (*Same* 19 sess. v. 2 doc. [6].)
1874. Rept. on land monopoly and remedy recommended therefor. (Assem. jol. 20 sess. pp. 1067-1071.)
1876. Rept. of Assem. special committee on land monopoly. 116 pp. (App. to jols. 21 sess. v. 4 unnum. doc.)
1877. Had school lands in mineral belts been managed in interest of children, rather than of speculators, there would be no need of school tax; the duty of making provisions not only to secure school fund and school lands yet unsold, but to take suitable steps for recovery of what has been alienated, urged upon legisl.; land decision in case of L. J. Poley and H. Thomas vs. State of Cal., Dept. of Interior, Wash. (7 bienn. rept. supt. public instruction 1876/7: 8-9; 51-52.)
1882-1884. Proposed changes in Political Code in relation to sale of state school lands. (Bienn. rept. surveyor gen. 1880/2 (pp. 9-12)—*same* 1882/4.)
1886. Recommended that no further sales of school lands be made until engr. of bd. shall have reported upon their character and such of these lands as shall be found to be useless for agric. shall be permanently reserved and placed under hands of proper officers for benefit of schools. (1 bienn. rept. forestry bd. 1885/6: 7.)
1888. Res. adopted recommending to legisl. that all unsold school land and other timber land of state be withdrawn from entry and sale, and that all such timber lands be placed under control and mngmt.

LAND: STATE—cont'd
School Land—cont'd
of state bd. of forestry. (Bienn. rept. bd. hortic. 1886/8: 126-127.)
1888. Comments on state school lands, and recommendation for examination of remaining unsold state school lands, with view of discovering their quality and grading their value, in order that lands may be sold at an approximation to their true value, and school fund be increased by much larger amt. than would be if land were sold at present price of $1.25 an acre. (Bienn. rept. surveyor gen. 1886/8: 10.)
——. Recommendation that unsold school lands in brush and forest be reserved from sale and placed under mngmt. of state bd. of forestry, providing that all money derived from sale of timber, pasture privileges, or other sources shall be turned into state school fund; also recommended that legislation on forestry suggested by atty. of bd. be made law. (2 bienn. rept. forestry bd. 1887/8: 11.)
1891. The right of the state to lands in lieu of school lands within limits of reservations made by Congress; opinion of atty. gen. (Hart). 8 pp.
Not seen; entry from Bowker.
1892. Proceedings of atty. gen. re. matters at Washington pertaining to school and swamp lands due state. (Rept. atty. gen. 1891/2: 14-15.)
1896-1902. Comments on foreclosing interests of delinquent purchasers of state school land. (A.R. bd. examiners dated 1897 (pp. 18-19)—*same* 1900/2.)
1898-1902. Same; and recommendation to legisl. for enactment of law providing more simple manner of foreclosure which will be means of saving large amts. ann. (*Same* dated 1899 (p. 30)—*same* 1900/2.)
FIVE HUNDRED THOUSAND ACRE GRANT
Under sec. 8, Act of Congress of Sept. 4, 1841, a grant of 500,000 acres was made to Cal. Under the constitution of Cal. this grant was diverted and placed to credit of school fund.
1852. Returns of school land warrants returned to surveyor gen. under act to provide for disposal of 500,000 acres. (A.R. surveyor gen. 1852: 32-33.)
——. Comment on location of warrants issued under act of 1851 for location of school lands under 500,000-acre grant. (*Same* 1852: 16-18.)
——. Recommended amdmt. to act of May 3 re. disposal of 500,000 acres of land; enactment of statute for quieting of equitable titles to real estate; and act re. occupying claimants to lands. (A.R. atty. gen. 1852: 6.)
——. Favorable comment on working of law providing for sale of the 500,000 acres of land and amt. accruing from same. (2 A.R. supt. public instruction 1852: 9.)
——. Rept. re. disposal to be made of federal school lands donation, condemning proposed diversion of proceeds of same to other purposes, reviewing provision of state constitution re. school revenue, etc., in support thereof. (App. to Sen. jol. 1852: 727-730.)
——. Rept. of Sen. committee on Assem. bill to provide for disposal of 500,000 acres of school land, granted by general govt. (*Same* 3 sess. pp. 727-730.)
1853. On defect in law providing for disposal of 500,000-acre grant, which is productive of confusion and opportunity for fraud. (A.R. surveyor gen. 1853: 4-5.)
——. List of cos. showing acres in each registered for survey under warrants issued under act for disposal of 500,000-acre grant. (*Same* 1853: 10.)
——. Review of disposal of school land warrants issued under act of 1852. (Govs. ann. mess. 1854: 20-21.)
LAND: STATE—cont'd
School Land—cont'd
FIVE HUNDRED THOUSAND ACRE GRANT—cont'd
1854. Rept. re. necessity for protecting settlers who have already purchased and located school warrants issued under act approved May 3, 1852, upon unsurveyed public lands, agst. operation of act of Congress, approved Mch. 3, 1853, declaring such locations invalid. (Sen. jol. 1854: 401-402.)
——. School land warrants are selling in hands of innocent purchasers at half original amt. paid to state; sale of said warrants has been increased during past yr. but a few dollars. (4 A.R. supt. public instruction 1854: 5.)
——. Sale of school land warrants largely prevented by decision that such warrants issued by state cannot be located on unsurveyed lands. (Govs. ann. mess. 1855: 20.)
——. Remarks concerning the 500,000 acres of land granted to state; also those granted for educational purposes. (A.R. surveyor gen. 1854: 27.)
——. Abstract of school land warrant returns. (*Same* 1854: 82-85.)
By counties; warrants issued prior to Jan. 1, 1854, and those issued in 1854; details of each.
——. Opinion of atty. gen. in relation to the legal location of school land warrants. 2 ll. (App. to Assem. jol. 5 sess. doc. 4(?).)
Docs. incorrectly numbered? This is probably no. 3.
1855. Stmt. of lands available for educational purposes under acts of Congress approved Sept. 4, 1841, and Mch. 3, 1853, resp., and estimated value of same. (Govs. ann. mess. 1855: 20.)
——. Returns of school land warrant locations for 1855. (A.R. surveyor gen. 1855: 31.)
1856. School land warrants; locations during yr. (*Same* 1856: 9-11.)
1857. School lands: stmt. by cos. showing locations under warrants made in each co. (*Same* 1857: 8-12.)
1858. List of school land warrants for 160 acres each, with date of location. (*Same* 1858: 59-81.)
——. Same; 320 acres each, with date of location, for whom located, and co. (*Same* 1858: 49-57.)
——. Comments on school lands and school land warrants. (*Same* 1858: 22-24.)
——. Suggestion that school land law of Apr. 23, 1858, be so amended as to require the 20% of principal and 10% interest on balance to be paid within 30 days after approval of surveyor gen. is recorded, etc. (*Same* 1858: 23.)
1859. Rept. on portion of surveyor gens. rept. re. school land warrants. (Assem. jol. 10 sess. pp. 531-532.)
——. Table showing school lands for cash under act of Apr. 23, 1858, and amt. of money certified to by state treasurer as recd. on acct. of school lands. (A.R. surveyor gen. 1859: 7.)
1859-1865. School land warrants located upon unsurveyed lands under act of Apr. 18, 1859. (*Same* 1859 (p. 10)—*same* 1865.)
——. Same; located under act of Apr. 23, 1858. (*Same* 1859 (p. 10)—*same* 1865.)
1860-1867. School lands sold under act of Apr. 23, 1858, amt. of 500,000-acre grant. (*Same* 1860 (pp. 4-5)—*same* 1865/7.)
1867. List of lands certified to state by U. S. as part of grant of 500,000 acres. (Bienn. rept. *same* 1865/7: 47-68.)
1868. Majority rept. of claims committee re. petition of Thos. Thompson adverse to acceptance by state of school land warrants which he finds unavailable. 4 pp. (App. to jols. 17 sess. v. 2 [doc. 40].)
——. Same; minority rept. 5 pp. (*Same* 17 sess. v. 2 [doc. 31].)

LAND: STATE—cont'd
School Land—cont'd
FIVE HUNDRED THOUSAND ACRE GRANT—cont'd
1879. Suppl. rept. re. grants of 10 secs. for public bldgs., 72 secs. for seminary of learning and 500,000 acres for internal improvements. 235 pp. (Bienn. rept. surveyor gen. 1877/9.)
1888. Comments on 500,000-acre grant, and recommendation for adoption of res. requesting delegates in Congress to use best endeavors before Dept. of Interior to secure final settlement betw. state and U. S. of the 500,000-acre grant, believing that there is still a balance due Cal. of 10,000 acres. (*Same* 1886/8: 10-14.)

SEMINARY LANDS
Under Act of Congress of March 3, 1853, Cal. was granted 72 full sections of land for a seminary of learning.
1853. Review of provisions of act of Congress approved Mch. 3, 1853, donating lands to state for institution of learning. (Govs. ann. mess. 1854: 22-23.)
1855. Rept. re. difficulties and delay over location of lands donated by U. S. for univ. purposes. (Sen. jol. 1855: 696.)
1858. Rept. on seminary lands. (A.R. surveyor gen. 1858: 25-26.)
1859-1863. Stmt. of seminary lands sold for cash under act of Apr. 23, 1858. (*Same* 1859 (p. 81)—*same* 1863.)
1864-1865. Stmt. showing locations and acres of seminary lands—grant of 72 secs. (*Same* 1863/4 (p. 25)—*same* 1865.)
1879. See above, 500,000-acre grant; this date.

TOWNSHIP LANDS
Under sec. 6, Act of Congress of March 3, 1853, a grant of the 16th and 36th section in each township was made to Cal., proceeds to be for school purposes.
1819-1852. Notes of acts of Congress re. township school lands. (4 A.R. supt. public instruction 1854: 7-8.)
1852. State representatives in Congress have secured for support of common schools, two secs. of land in each township, and 72 secs. for a state univ. (2 *same* 1852: 9.)
1853. Estimated no. of acres to be allowed to state under act of Congress granting certain secs. of each township for school purposes. (App. to govs. ann. mess. 1854: 35.)
1856. Recommended legislation re. control and location of township school lands; for establishment of univ., embracing school of agric., and providing for sale of lands devoted to it; also to encourage the creation and maintenance of colleges in all parts of state. (6 A.R. supt. public instruction 1856: 7-8.)
——. School lands; selections under act of state of May 7, 1855 (township lands). (A.R. surveyor gen. 1856: 7-9.)
1857. Recommended that legisl. instruct senators and representatives to obtain passage of act amdg. present act re. township lands so as to throw proceeds of these secs. into a general fund to be distributed equally among the several townships. (7 A.R. supt. public instruction 1857: 8-9.)
——. No selections made of 16th or 36th secs. owing to lack of apprn. (A.R. surveyor gen. 1857: 12-13.)
1858. Rept. opposing passage of res. asking Congress to modify law donating 16th and 36th secs. of townships for school purposes, so that secs. may be sold, and proceeds used to constitute a fund for school purposes. (Sen. jol. 9 sess. pp. 112-113.)
——. Rept. on condition of school lands and funds derived therefrom; repeal of act of Apr. 26 granting

LAND: STATE—cont'd
School Land—cont'd
TOWNSHIP LANDS—cont'd
inhabitants of each township proceeds of sales of two school secs. lying therein recommended, and conversion of same into a general fund for support of schools throughout state urgently advised. (8 A.R. supt. public instruction 1858: 15-22.)
1859. Injustice of present legislation providing that each township shall be entitled to proceeds of sale of two school secs. lying therein, with repeated recommendations for its repeal and conversion of said fund into a general school fund; communications from supts. of education of various states re. working of school land system in other states; corresp. with authorities at Wash. re. school selections in mineral regions. (9 *same* 1859: 15-28.)
1860. Rept. of education committee Mch. 12, 1860, recommending that proceeds of 16th and 36th secs. of school land sales go to general school fund of state rather than solely to co. in which said lands are situated. 4 pp. (App. to Sen. jol. 11 sess. doc. [18].)
——. Recommendations re. conversion of proceeds from sale of township lands into general school fund repeated. (10 A.R. supt. public instruction 1860: 11-15.)
1861. Favorable comment on passage of act converting proceeds of sales of township lands into general school fund; stmt. of amts. of school lands sold under the several acts of legisl.; remedial legislation re. apportionment of school fund among distrs. suggested; also urgently recommended that application be made to Congress to permit state to select other lands in lieu of those it has been deprived of in mining regions. (11 *same* 1861: 26-28.)
1861-1865. Stmt. of grant of 16th and 36th secs., for school purposes, sold for cash under act of Apr. 22, 1861. (A.R. surveyor gen. 1861 (pp. 9-11)—*same* 1865.)
1862. Recommended legislation of last rept. re. 16th and 36th secs. or township lands, repeated. (12 A.R. supt. public instruction 1862: 18-19.)
——. School lands; administration of 16th and 36th secs. (A.R. surveyor gen. 1862: 6-9.)
FUND; see above, REVENUE
REVENUE; see above, that title
Surveyor General's Office
1850. Rept. on office of surveyor gen., as combining duties of civil engr. and comr. of internal improvements in addition to usual duties of said office. (Legisl. jol. 1849/50: 691-696.)
1852. Extracts from laws bearing upon duties of office of surveyor gen. (A.R. surveyor gen. 1852: 9-12.)
——. Surveyor gens. estimate of expenses for yr.; required by sec. 12 of act passed Apr. 17, 1850, regulating office, but heretofore neglected and now appended to special rept. (App. to Sen. jol. 1852: 624.)
1853. Suggestion to place choice of surveyor gen. in hands of legisl. (Govs. ann. mess. 1853.)
1854. Circular to co. surveyors; containing extracts from laws of 1850 prescribing duties of surveyor gen. and of co. surveyors, and details of items upon which co. surveyors are to return information. (A.R. surveyor gen. 1854: 25-28.)
——. Recommendation for apprn. to enable surveyor gen. to perform his duties with more satisfaction; and for increased salary. (*Same* 1854: 14.)
1856. Suggestion to abolish office of surveyor gen. and devolve duties upon surveyors. (Govs. ann. mess. 1856: 13.)

LAND: STATE—cont'd

Surveyor General's Office—cont'd

1856. Communication from ex-surveyor gen. showing large portion of deficiency of office of past yr., to be unprovided for in general deficiency bill. (Assem. jol. 1856: 836.)

1856-1857. Comments on surveyor gens. office and recommendation that power of administering oaths and taking affidavits in course of his official duties be conferred on surveyor gen. and his deputies. (A.R. surveyor gen. 1856 (p. 38)—*same* 1857.)

1858. Rept. on claim of D. McLaren for services as draughtsman in surveyor gens. office from Aug. 17, 1856, to Jan. 1, 1857. (Assem. jol. 9 sess. pp. 464-465.)

1863. Land act of 1863 and instructions to co. surveyors. 22 pp.

Not seen; entry from Bowker.

1875-1894. Stmt. of general office business. (Bienn. rept. surveyor gen. 1873/5 (pp. 20-21)—*same* 1892/4.)

1877. Rept. of state land comn. to legisl. of Cal. 47 pp. (App. to jols. 22 sess. v. 4 [doc. 40].)

J. C. Ball, H. F. Crane and Jas. D. Fay comrs. under act of April 1, 1876. Examination into financial affairs of surveyor general's office during various administrations as well as into grants of land to state.

Swamp and Overflowed Lands

Under Act of Congress of Sept. 28, 1850, extending grants of swamp lands already made to La. and Ark. to each of the other states of the Union in which such lands may be situated.

serial

1 series

Under Act approved May 13, 1861.

1861-1862. Ann. rept. of swamp land comrs., 1-2.

In Collected docs. as follows:
1. 1861 in App. to jols. 13 sess. unnum. doc.
2. 1862 " " " " 14 " " "

2 series

1864/5. Bienn. rept. of swamp land comrs.

In Collected docs. as follows:
1864/5 in App. to jols. 16 sess. v. 2 unnum. doc.
No more issued.

non-serial

1850-1851. Act of Congress of 1850 to enable Ark. and other states to reclaim swamp lands within their limits; also Cal. state legislation re. same, 1851. (1 A.R. supt. public instruction 1851: 815-816.)

Paging from Collected docs.

1850-1894. History of laws and operations affecting swamp and overflowed lands in state; expenditures; reclamation work; general remarks re. existing works; and conclusions. (Rept. comr. public works 1893/4: 8-20.)

1851. Review of benefits to be obtained by state under federal act granting swamp and overflowed public lands to states in which situated, with suggestions for reclamation of same. (Govs. ann. mess. 1851.)

1852. Rept. re. provisions of federal act of Sept. 28, 1850, granting title of swamp and overflow lands to states within which same are situated, as affected by treaty of Guadalupe Hidalgo ratified May 13, 1848. (App. to Sen. jol. 1852: 696-701.)

——. Suggestion to grant tule or swamp lands to individuals on condition that they be drained within fixed time. (Govs. ann. mess. 1852.)

——. Suggestion to take necessary steps for receiving benefits of federal act passed Sept. 28, 1851, for granting swamp and overflow lands to states having same within their limits. (Govs. special mess. Jan. 30, 1852.)

——. Rept. of select committee on Sen. jt. res. in relation to swamp lands; also rept. of portion of said committee re. authorizing gov. to employ counsel to appear at bd. of land comrs. to protect interests of state in swamp lands. (App. to Sen. jol. 3 sess. pp. 696-701; 725-726.)

LAND: STATE—cont'd

Swamp and Overflowed Lands—cont'd

non-serial—cont'd

1852. Comments on swamp or overflowed lands and recommendation that legisl. pass some act to provide for disposal of these lands. (A.R. surveyor gen. 1852: 18.)

——. Almost entire arable public land area in Cal. secured to state by act of Congress granting swamp and overflowed lands to various states for reclamation. (Govs. ann. mess. 1852.)

1853. Rept. on act to improve tule lands and to encourage cultivation of sugar, rice, and cotton, urging limited grant of same to certain individuals for purpose of testing capability of swamp lands to produce rice and sugar. 2 pp. (App. to Assem. jol. 1853 doc. 52.)

——. Suggestion to donate to actual settlers swamp and overflow lands granted to state by Congress for reclamation, under act of Sept. 28, 1851. (Govs. ann. mess. 1853.)

1854. Review of provisions of act of Congress approved Sept. 28, 1850, donating swamp and overflow lands to states within which situated, with suggestions for steps necessary to receive benefits of same. (*Same* 1854: 17.)

——. Suggestion to donate swamp and overflow lands, granted to state by Congress, to actual settlers as means of reclamation. (*Same* 1854: 17-18.)

——. Govs. mess. re. steps necessary to secure to state benefits of act approved Sept. 28, 1850, granting swamp and overflow lands to states within which situated, reviewing provisions of said act. (Sen. jol. 1854: 362-363; Assem. jol. pp. 369-371.)

1855. Govs. mess. and acc. docs. re. definition of swamp and overflow lands, and construction of act of Congress granting same to states. (Sen. jol. 1855: 532-536; Assem. jol. pp. 585-588.)

——. Amdmt. of act of Apr. 28, providing for sale of portion of swamp and overflow lands within state, necessary to reduce limit of no. of miles from larger cities, within which settlers are deprived of acquiring titles. (Govs. ann. mess. 1856: 21.)

——. Liberal policy urged in sale of overflow and swamp lands, such as offering greater settlement inducements for reclamation and settlement. (*Same* 1856: 22.)

——. Swamp and overflow lands shown by experiments made during yr. to be of great fertility after reclamation. (*Same* 1856: 22.)

——. Stmt. of whole no. of swamp and overflow lands sold by state agts., and no. surveyed for entry, resp., June 1 to Dec. 31, under act of Apr. 28. (*Same* 1856: 23.)

——. Review of transactions necessary to secure benefits of act of Congress granting swamp and overflow lands to states within which situated, urging disposal of same to actual settlers to be reclaimed. (*Same* 1855: 13-16.)

1855-1857. Comments on state lands—school lands; swamp and overflowed land. (A.R. surveyor gen. 1855 (pp. 26-32)—*same* 1857.)

1855-1858. Comparative stmt. giving amt. of swamp and overflowed land which has been surveyed and returned to office and approved by surveyor gen. under act of Apr., 1855. (*Same* 1855: 16-17.)

1856. Internal improvements; suggestions re. reclamation of swamp and overflow lands. (*Same* 1856: 25-26.)

——. Letter from comr. gen. of land office, U. S. A., re. swamp lands. (Sen. jol. 8 sess. pp. 69-70; Assem. jol. pp. 67-68.)

LAND: STATE—cont'd
Swamp and Overflowed Lands—cont'd
non-serial—cont'd
1857. Communication from surveyor gen. re. survey, segregation, plats, etc., of all swamp and overflowed lands within state. (Assem. jol. 8 sess. pp. 359-360.)
——. Same. 4 pp. (App. to Assem. jol. 8 sess. doc. [12].)
1858. Rept. on swamp lands and swamp land acts of 1855 and 1858. (A.R. surveyor gen. 1858: 5-21.)
——. Communication of surveyor gen. on swamp lands re. reporting of certain overflowed lands said to belong to state as U. S. property. 5 pp. (App. to Sen. jol. 9 sess. doc. [13].)
——. Veto of act to provide for authentication of certain evidence re. swamp and overflowed lands heretofore sold by state. (Sen. jol. 9 sess. pp. 338-339.)
——. Rept. favoring passage of act to amend act to provide for sale of swamp and overflowed lands belonging to state. (*Same* 9 sess. p. 383.)
——. Rept. on act to provide for sale and reclamation of swamp and overflowed lands of state. (*Same* 9 sess. pp. 528-529.)
1859. Communication from gov. with acc. corresp. re. federal govt. offering land, which state has previously sold as swamp lands, for sale. (Assem. jol. 10 sess. pp. 286-289.)
——. Minority rept. on act to provide for location and reclamation of swamp and overflowed lands in state. (Sen. jol. 10 sess. pp. 609-610.)
——. List of state selections of swamp and overflowed lands. (A.R. surveyor gen. 1859: 13-21.)
——. Comments on frontage of swamp lands on bays and rivers, and suggestion that law be so amended as to allow purchaser, in such cases, to take 640 acres, with additional frontage requisite to secure that amt. provided that surveyor gen. is satisfied that interests of state do not suffer thereby, and that rights of individuals are not interfered with. (*Same* 1859: 22-23.)
1859-1861. Comments on segregation of swamp lands. (*Same* 1859 (p. 5)—*same* 1861.)
——. Rept. of swamp and overflowed lands returned to surveyor gens. office, and approved during yr. (*Same* 1859 (p. 5)—*same* 1861.)
1860. Comments on frontage of swamp lands on bays and rivers; swamp land act passed Apr. 21, 1858, authorized purchase of 320 acres of land by one person, but restricted purchaser to a frontage of one-half mile, by legal subdivision on any bay, lake, or navigable stream. (*Same* 1860: 21.)
——. Misc. repts. of P. S. Beasley on the reclamation of swamp lands. (*Same* 1860: 54-56.)
1861. Table showing no. of acres in each distr., no. of acres sold by state, no. of acres vacant and subject to entry, amt. paid into state treasury, and names of engrs. (1 A.R. swamp land comrs. 1861: 52.)
——. Recommendation for passage of levee law, allowing the voters or holders of land within each distr. to elect a bd. of levee supervisors. (1 *same* 1861: 28.)
——. Rept. of swamp and overflowed lands committee on Sen. bill 11; that Cal. was given by Congress, and sold to settlers, swamp lands, with understanding that money recd. was to be expended upon their reclamation; objection to unsold portion being donated to separate cos., bds. of supervisors in each having control of lands and moneys; also to new system for selling these lands and to their segregation from general lands of state. 4 pp. (App. to Assem. jol. 12 sess doc. [14].)
——. Acts of Congress re. swamp and overflowed lands. (1 A.R. swamp land comrs. 1861: 9-10.)

LAND: STATE—cont'd
Swamp and Overflowed Lands—cont'd
non-serial—cont'd
1861. Recommendation for passage of law taxing land in each distr., enough to complete its reclamation, when sum of one dollar per acre will not do it. (1 *same* 1861: 10.)
——. Recommendation that immediate steps be taken by state govt. to secure certain land as swamp and overflowed lands, under act of Congress passed Sept. 8, 1850. (1 *same* 1861: 10.)
——. Comments on the segregation of swamp land. (1 *same* 1861: 28-30.)
——. Rept. opposing passage of bill appropriating moneys from swamp land fund for pay per diem of members and officers of legisl. (Assem. jol. 12 sess. pp. 147-148.)
——. Rept. on act for segregation, reclamation, and disposal of swamp and overflowed lands belonging to state. (*Same* 12 sess. pp. 597-599.)
1861-1865. Rept. of engrs. of the several distrs. (1 A.R. swamp land comrs. 1861 (pp. 13-27)—*same* 1864/5.)
No repts. for 1862 and 1863.
1862. Swamp lands; administration of federal grant; federal and state surveys. (A.R. surveyor gen. 1862: 10-13.)
1863. Stmt. of swamp lands sold by state. (*Same* 1863: 26.)
1864-1865. Stmt. of sales of swamp and overflowed lands. (*Same* 1863/4 (p. 27)—*same* 1865.)
1866. Land; swamp and overflowed; by S. W. Norton. 16 pp.
Not seen; entry from Bowker.
——. Govs. mess. re. certain swamp and overflowed lands in Tulare Valley. 4 pp. (App. to jols. 16 sess. v. 3 unnum. doc.)
1867. Suggestions for reclamation of swamp and tule lands and the dry lands at the same time. (Trans. state agric. socy. 1866/7: 423-428.)
——. Rept. of surveyor gen. in response to Assem. res. showing condition of public and swamp lands, and segregation returns. 9 pp. (App. to jols. 13 sess. [doc. 21].)
1868. Rept. of comrs. on reclamation of lands in Sacramento Valley. 12 pp. (*Same* 18 sess. v. 2 unnum. doc.)
1869. The interests of state in swamp and overflowed lands, and in other land interests of various kinds, in opinion of atty. gen. are of sufficient importance to justify employment of competent person for their protection. (Rept. atty. gen. 1868/9: 5.)
1870. Rept. of claims committee re. Assem. bill 89; with corresp. re. compensation due to J. Mullen, clerk to the U. S. surveyor gen., during investigation of title of certain disputed swamp lands. 6 pp. 1 l. (App. to jols. 18 sess. v. 3 doc. [61].)
——. Majority and minority repts. of committee on swamp and overflowed lands re. repeal of act for sale and conveyance to San Mateo Tanning and Mnfg. Co. of certain overflowed lands. 3 pp. (*Same* 18 sess. v. 2 doc. [35].)
——. Rept. [unfavorable] of Assem. committee to whom was referred substitute for Sen. bill 185 re. reclamation and assessment of tule lands. 4 pp. (*Same* 18 sess. v. 2 doc. [16].)
——. Veto of act to provide for reclamation of swamp, salt marsh, tide, and other overflowed lands. (Sen. jol. 18 sess. pp. 789-790.)
1871. Brief description as to location and character of tule and overflowed lands about confluence of Sacramento and San Joaquin Rivers. (Trans. state agric. socy. 1870/1: 337-347.)

LAND: STATE—cont'd

Swamp and Overflowed Lands—cont'd

non-serial—cont'd

1871. Recommended that agency established by act of last legisl. to look after state's interest in swamp and overflowed lands be continued. (Rept. atty. gen. 1870/1: 4.)

1872. Minority rept. of special committee on Assem. bill 305; act to provide for funding indebtedness of reclamation and levee distrs. of state. 6 pp. (App. to jols. 19 sess. v. 3 doc. [5].)

1873-1875. Stmt. of sale of swamp and overflowed lands. (Bienn. rept. surveyor gen. 1871/3 (pp. 11-13)—*same* 1873/5.)

1873-1877. Comments on reclamation of swamp and overflowed lands. (*Same* 1871/3 (pp. 13-18)—*same* 1875/7.)

1874. Rept. of surveyor gen. to Assem. re. swamp and overflowed lands. 6 pp. (App. to jols. 20 sess. v. 6 [doc. 10].)

——. Same. (*Same* 20 sess. v. 5 [doc. 22]: 8-14.)
Re. lands returned as swamp and overflowed not shown to be such by state segregation or by U. S. surveys.

——. Rept. of jt. committees on swamp and overflowed lands and land monopoly. 354 pp. (*Same* 20 sess. v. 5 [doc. 22].)

——. Rept. of swamp land investigating committee. 6 pp. (*Same* 20 sess. v. 4 unnum. doc.)

1881. Govs. mess. re. swamp distrs. 5 pp. (*Same* 24 sess. v. 1 unnum. doc.)

1882. Stmt. of swamp land distr. reclaimed. (Bienn. rept. surveyor gen. 1880/2: 5.)

1884-1886. Rept. of swamp land distrs. (*Same* 1892/4 (pp. 5-7)—*same* 1884/6.)

1896-1904. Stmts. of swamp land distrs. (*Same* 1894/6 (pp. 10-12)—*same* 1902/4.)
No rept. for 1898/00.

1902. Swamp land reclamation stmt. (*Same* 1900/2: 10.)

Revenue; see above, Expenditures

Tide Lands; see above, Marsh and Tide Lands

Timber Land

1886. Petition to state bd. of forest comrs. to prevent parties and persons from securing mountainous govt. lands, in Los Angeles Co. for purpose of cutting and removing timber thereon. (1 bienn. rept. forestry bd. 1885/6: 5.)

1888. Recommended that, by proper laws, it be forbidden to all persons or corporations to cut timber or wood from public lands for any purpose without permit from state or national forest officers. (2 *same* 1887/8: 11.)

——. Favorable rept. of sub-agts. who are distributed through the timber cos. of state. (2 *same* 1887/8: 21-26.)

Transfer

1852. Govs. mess. and acc. corresp. re. consent of legisl. to the purchase of lands within state by U. S. for public purposes, i. e. armories, arsenals, forts, navy or dock yards, etc. (App. to Sen. jol. 1852: 666-668.)
The title of this document reads "Mess. of the gov. transmitting correspondence betw. him and delegation in Congress in reference to exempting U. S. property in this state from taxation."

1859. Comments on certificates of purchase; recommendation for law authorizing issuance of new certificates in such cases without surrender of original and that it be made a felony for holder of original certificates to sell or assign the same. (A.R. surveyor gen. 1859: 23.)

1862. Rept. on delinquent purchasers of state lands. (*Same* 1862: 24.)

LAND: STATE—cont'd

Transfer—cont'd

1863. Comments on titles to state lands. (*Same* 1863: 18-19.)

1864-1865. Action of atty. gen. in matter of settling vexed question of title to lands at Point St. Quentin, and to obtain for state sufficient land for purposes of efficient prison mngmt.; also discussion of complications growing out of same re. certificates of purchase issued for land lying within marsh and tide lands hitherto thought reserved from sale. (A.R. atty. gen. 1865: 4-9.)

1865. Rept. on jt. res. re. sales of public lands of state. (Assem. jol. 16 sess. pp. 151-152.)

1873. Comments on delinquent purchasers. (Bienn. rept. surveyor gen. 1871/3: 10-11.)

1880-1904. List of patents issued. (*Same* 1886/8 (p. 6)—*same* 1902/4.)
No rept. 1898/00.

——. Certificates of purchase issued for series of yrs. (*Same* 1886/8 (pp. 5-6)—*same* 1902/4.)
No rept. 1898/00.

1892. Remarks on delinquent interest on state lands. (*Same* 1890/2: 9-10.)

1892-1894. Comments on delinquent interest on state lands and recommendation from surveyor gen. for legisl. to amend present law re. this matter and make different provisions for payment of costs in foreclosure suits. (A.R. bd. examiners dated 1893 (p. 42)—*same* 1893/4.)

1894. Act regulating sale of lands uncovered by recession of drainage of waters of inland lakes, and unsegregated swamp and overflowed lands, and validating sales and surveys heretofore made. (Bienn. rept. surveyor gen. 1892/4: 10-12.)

1894/6. Stmt. of land patents attested and recorded from July 1, 1894, to June 30, 1896. (Bienn. rept. state dept. 1894/6: 63-64.)

Custom House Block

1854. Govs. mess. re. value of custom house block proposed to be granted to U. S. for location of custom house, questioning advisability of ceding property of such value to U. S. (Assem. jol. 1854: 99.)

1855. [Majority and minority] rept. of select committee, with reference to custom-house block, and disposition of money recd. by this state from U. S. for said property. 32 pp. (App. to Assem. jol. 6 sess. doc. 24.)

——. Custom house block. (Govs. mess. 1855: 9.)

Mare Island

1854. Rept. re. investigation of title to Mare Is. in view of proposed cession of same to U. S. (Sen. jol. 1854: 284-287.)

——. Rept. on estimated value to state of Mare Is. (*Same* 1854: 114-115.)

——. Cession to U. S. of shores or overflowed lands of Mare Is., necessary to any improvement of same by U. S. (Govs. ann. mess. 1854: 29.)

Plaza

1853. Communication of atty. gen. enclosing copies of leases of govt. reservation in S. F. 8 pp. (App. to Sen. jol. 4 sess. doc. 36.)

Water Lots; see Land. Water Front Property

LAND GRANTS: AMERICAN

Federal

1841. Act of Sept. 4, granting 500,000 acres to Cal. for internal improvements; see above, Land: State. School Land.

1850. Act of Sept. 28, extending grants of swamp lands already made to Ark. and to La. to each of the other states of the Union in which such lands may be situated; see above, Land: State. Swamp, etc.

LAND GRANTS: AMERICAN—cont'd
Federal—cont'd
1853. Act of March 3, granting to Cal. 72 full secs. of land for a seminary of learning; see above, Land: State. School Land.
——. Same; granting 16th and 36th secs. in each township to Cal. for school purposes; see above, Land: State. School Land.
——. By act of Mch. 3, there was granted to Cal. 10 secs. of public lands, proceeds of which were to be applied for erection of public bldgs.; see above, Land: State.
1862. By act of July 2, granted to Cal. 150,000 acres of public lands for the benefit of the agric. and mechanic arts; see Agriculture. Education.
——. Sketch of several land grants made by Congress to Cal. (A.R. surveyor gen. 1862: 5-6.)
State
1874. Rept. of border co. delegations on jt. res. of legisl. of Nev., asking cession of territory east of summit of Sierra Nevadas. 4 ll. (App. to jols. 20 sess. v. 6 [doc. 14].)
Railroads; see above Land: State

LAND GRANTS: MEXICAN
1852. Special rept. of surveyor gen. re. lands of state with an app. re. chiefly to large grants, as the missions; and whether title to them be in assignees, or whether they have reverted and vested in the sovereign. (App. to Sen. jol. 3 sess. pp. 615-639.)
1854. Letter from Geo. Fisher, secy. U. S. land comrs., concerning grants. (A.R. surveyor gen. 1854: 91-92.)
1858. Govs. mess. re. manner in which surveys are made under Mexican grants in Cal. (Sen. jol. 9 sess. p. 599.)
1862. Recommended legislation to provide for acceptance of lands donated by U. S. for maintenance of agric. and mechanical college. (12 A.R. supt. public instruction 1862: 23-24.)
1865-1867. Remarks on Mexican grants. (A.R. surveyor gen. 1864/5 (pp. 104-106)—*same* 1865/7.)
1866. Memorial in behalf of settlers on lands covered by Arroyo Seco grant. 6 pp. (App. to jols. 16 sess. v. 3 unnum. doc.)
——. Memorial re. Arroyo Seco grant. 7 pp. (*Same* 16 sess. v. 3 unnum. doc.)
1882. Rept. of Spanish and Mexican grants in Cal. complete to Nov. 15, 1882, prepared by Jas. Stratton. (Bienn. rept. surveyor gen. 1880/2: 40-56.)
1886. Same; correct rept. of Spanish and Mexican grants in Cal. (*Same* 1884/6: 13-29.)
1890. Same. (*Same* 1888/90: 17-35.)

LARK; see FISH AND GAME

LASSEN COUNTY (1864)
Bullion Production
1885. See Natural Resources. Mineral. Production; this date.
Desert Lands; see Land
Forests; see Natural Resources
Gold in
1881. See Natural Resources. Mineral. Gold; this date.
1888. See same; this date.
1892-1895. See same; these dates.
1892/4-1894/6. See same; these dates.
Horticultural Board; see Agriculture. Horticultural Commissions
Mineral Springs in; see Natural Resources

LASSEN COUNTY (1864)—cont'd
Mines
1879/80. See Natural Resources. Mineral. Production; this date.
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Silver
1892-1895. See Natural Resources. Mineral. Gold; these dates.

LAWSONITE; see NATURAL RESOURCES. MINERAL

LEAD
Deposits; see Natural Resources. Mineral

LEGAL TENDER; see MONEY

LEGISLATURE
Expenditures for; see Finance: State. Expenditures

LELAND STANFORD UNIVERSITY; see EDUCATION: INDIVIDUAL, ETC.

LEMON
Crop; see Agriculture. Crops
Diseases; see Agriculture. Crops. Pests

LEPROSY; see PUBLIC HEALTH

LEVEE DISTRICTS; see RIVER CONSERVANCY

LIBRARIES
1870. Petition re. establishing a public law library in S. F. 5 pp. (App. to jols. 18 sess. v. 3 unnum. doc.)
1890. Comment on assn. of state librarians. (Rept. state library 1888/90: 11-15.)
1904. Rept. of all libraries in state. (*Same* 1902/4 foldg. table.)
Public Libraries
1894. Comments on free public libraries; act to establish free libraries and reading-rooms. (Rept. state library 1892/4: 27-28.)
——. Statistics of free public libraries for fiscal yr. endg. June 30. (*Same* 1892/4: 29.)
School Libraries
1851. Suggestion that small ann. apprn. be made to procure recent works and journals devoted to popular education. (1 A.R. supt. public instruction 1851: 806-807.)
Paging from Collected docs.
——. List of donations to laboratory of supt. public instruction, also list of books and educational journals necessary to be purchased. (1 *same* 1851: 812-815.)
Paging from Collected docs.
1861. Recommendation that bounty of $15 or $20 be offered from state treasury to carry school distr. that will raise an equal amt. for purchase of a school library and indispensible apparatus. (11 *same* 1861 (p. 25)—13 *same* 1863.)
1863. Distr. school libraries—recommended legislation; what other states have done in this line. (13 *same* 1863: 59-63.)
Repeated in bienn. rept. 1864/5.
1867-1875. School libraries; list of books suitable for same adopted by state bd. of education. (2 bienn. rept. *same* 1866/7 (pp. 43-51)—6 *same* 1874/5.)
1871. School distr. libraries; extr. from article contributed to Cal. Teacher (Sept., 1871), by Mr. H. C. Kinne. (4 *same* 1870/1: 85-87.)

LIBRARIES—cont'd

School Libraries—cont'd

1888. List of library books recommended for use of schools. 32 pp. (Dept. public instruction.)
Not seen; title from Bowker.

1888-1890. Distr. school libraries. (13 rept. supt. public instruction 1886/8 (pp. 23-24)—14 *same* 1888/90.)

1892. List of library books recommended for use of schools. 48 pp. (Dept. of public instruction.)
Not seen; entry from Bowker.

LIBRARIES: INDIVIDUAL LIBRARIES

Mercantile Library Association of San Francisco

1853. Rept. re. "Mercantile Library Assn. of city of S. F." 1 l. (App. to Sen. jol. 4 sess. doc. 58.)

San Francisco Law Library

1855. Rept. of select committee on state library favoring establishment of library; purchase of S. F. Law Library, and creation of larger fund to support it. 7 pp. (App. to Sen. jol. 6 sess. doc. 18.)

——. Rept. re. need for state library, with suggestions for formation of same by purchase of S. F. Law Library, and further suggestions for increase of library fund. (Assem. jol. 1855: 551-555.)

——. Govs. mess. approving of act to provide for purchase of S. F. Law Library for use of state. (Sen. jol. 1855: 838.)

State Library

See also above, S. F. Law Library.

serial

Under Act approved May 1, 1852.

1 series

1852-1855. Ann. rept. of state librarian, secy. of state, librn. ex-officio.
In Collected docs. as follows:
1852 in App. to Assem. jol. 1853 doc. 6.
1852-1855 in App. to Assem. jol. 1855: 522-523.

2 series

1856/7-1859/60. Ann. rept. of secy. of state on state library and affairs of his office.
In Collected docs. as follows:

1856/7	in	App.	to	Assem.	jol.	9	sess.	unnum.	doc.
1856/7	"	"	"	Sen.	"	9	"	"	"
1857/8	"	"	"	Assem.	"	10	"	"	"
1857/8	"	"	"	Sen.	"	10	"	"	"
1858/9	"	"	"	Assem.	"	11	"	"	"
1858/9	"	"	"	Sen.	"	11	"	"	"
1859/60	"	"	"	"	"	12	"	"	"

3 series

1861-1863. Ann. rept. of trustees of state library, 1-3.
In Collected docs. as follows:

1.	1861	in	App.	to	jols.	13	sess.	unnum.	doc.
2.	1862	"	"	"	"	14	"	"	"
3.	1863	"	"	"	"	15	"	v. 2 unum.	doc.

4 series

1864/5-1902/4. Bienn. rept. of trustees of state library, 1 et seq.
In Collected docs. as follows:

1.	1864/5	in	App.	to	jols.	16	sess.	v. 2	unnum.	doc.
unnum.	1866/7	"	"	"	"	17	"	v. 2	"	"
3.	1868/9	"	"	"	"	18	"	v. 2	"	"
4.	1870/1	"	"	"	"	19	"	v. 1	"	"
5.	1871/3	"	"	"	"	20	"	v. 2	"	"
6.	1873/5	"	"	"	"	21	"	v. 1	"	"
7.	1875/7	"	"	"	"	22	"	v. 1	"	"
8.	1877/9	"	"	"	"	23	"	v. 1	"	"
unnum.	1879/80*	"	"	"	"	24	"	v. 2	"	"
"	1880/2	"	"	"	"	25	"	v. 1	"	"
"	1882/4	"	"	"	"	26	"	v. 1	"	"
"	1884/6	"	"	"	"	27	"	v. 1	"	"
"	1886/8	"	"	"	"	28	"	v. 1	"	"
"	1890†	"	"	"	"	29	"	v. 1	"	"
"	1890/2	"	"	"	"	30	"	v. 1	"	"
"	1892/4	"	"	"	"	31	"	v. 1	"	"
"	1894/6	"	"	"	"	32	"	v. 1	doc.	[12].
"	1896/8	"	"	"	"	33	"	v. 2	"	[1].
"	1898/00	"	"	"	"	34	"	v. 2	"	[1].
"	1900/2	"	"	"	"	35	"	v. 2	"	[2].

* Rept. for 1 yr. only.
† Rept. for 4 months.

LIBRARIES: INDIVIDUAL LIBRARIES—cont'd

State Library—cont'd

non-serial

1850. Rept. urging apptmt. of state librn., in view of large no. of books donated to state, and probable increase of same. (Legisl. jol. 1849/50: 543.)

——. Rept. of state library committee on the state library. (App. to Sen. jol. 1 sess. p. 543 doc. CC.)

1852. Apprn. urged for state library. (Govs. ann. mess. 1852.)

——. Veto of act for distribution of laws of 1850 and 1851, as depriving state library. (Sen. jol. 1852: 243-244.)

1857-1859. Rept. on condition of state library and transactions of this office during past yr. (A.R. secy. state dept. 1857 (pp. 3-6)—*same* 1859.)

1858. Stmt. giving list of vols. in library. (*Same* 1858: 5-6.)

——. Rept. recommending apprn. of money for expenses of state library. (Assem. jol. 9 sess. pp. 157-158.)

1860. List of books recd. by way of exchange. (A.R. secy. state dept. 1860: 6-9.)

1866. Minority rept. of Assem. committee on state library on Sen. bill 42 and Assem. bill 261 re. state librn. 4 pp. (App. to jols. 16 sess. v. 3 unnum. doc.)

——. Majority rept. of Sen. committee on state library re. Sen. bill 286 fixing salaries of state librn. and deputy state librn. 4 pp. (*Same* 16 sess v. 3 unnum. doc.)

1867. Recommendation for legisl. to take such action as will place in library fund an amt. sufficient to make state library among best and most valuable in U. S. (2 bienn. rept. state library 1866/7: 15.)

1871. Recommendation for apprn. for purchase of books relating to Cal. and Pacific coast. (4 *same* 1870/1: 6.)

1887. Rept. of Assem. committee on state library exonerating librn. from charges of dishonesty, but censuring lax administration; suggesting that mileage rates and an allowance per diem be given to bd. of trustees, in order that out of town members may be present at mtgs. 5 pp. (App. to jols. 27 sess. v. 8 doc. [17].)

1888. The state library; rept. to Gov. Waterman by his attys. The govs. reply. 63 pp.
Not seen; entry from Bowker.

——. Comments on state library fund and suggestion that portion of fees arising from office of secy. of state should go to library fund and balance into some other channel. (Bienn. rept. state controller 1886/8: 29.)

FUND; see below, RECEIPTS AND EXPENDITURES

LAWS

1850-1887. List of acts of legisl. re. govt. and administration of Cal. state library. (Rept. state library 1890/2: 15.)
Titles only.

1850-1899. Same. (*Same* 1898/00: 36.)
Titles only.

RECEIPTS AND EXPENDITURES

1852/3-1854. Tabular stmt. showing condition of state library fund. (A.R. state comptroller 1852/3 (p. 21)—*same* 1854.)

1852/3-1884. Stmt. of receipts and payments on state library fund. (A.R. state treasurer 1852/3 (p. 35)—bienn. rept. *same* 1882/4.)

1857. Copy of accts. paid from contingent fund of state library, Mch. 23 to Dec. 31. (Sen. jol. 9 sess. pp. 92-93.)

1859. Stmt. of accts. paid out of apprn. for contingent expenses of state library. (Assem. jol. 11 sess. p. 31.)

LIBRARIES: INDIVIDUAL LIBRARIES—cont'd

State Library—cont'd

RECEIPTS AND EXPENDITURES—cont'd

1860-1862. Stmt. showing amt. expended for state library. (A.R. state comptroller 1859/60 (pp. 12-13)—*same* 1861/2.)

1861. Stmt. of payments into state treasury for benefit of state library fund, on acct. of fees recd. in this dept. for first three quarters of current yr. (A.R. secy. state dept. 1861: 3.)

1861-1904. Stmt. of condition of library fund, June 30. (A.R. state controller 1860/1 (pp. 32-33)—bienn. rept. *same* 1902/4.)

1862-1877. Amt. of money paid into library fund and disbursements. (2 A.R. state library 1862 (p. 9) —*same* 1875/7.)

1863-1871. Exhibit of moneys collected in office for state library fund. (A.R. secy. state dept. 1863 (p. 7)—*same* 1870/1.)

1865-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for state library. (A.R. state controller 1864/5 (p. 39)—*same* 1902/4.)

1877-1882. Stmt. showing expenditures from library fund from July 1, 1877, to June 30, 1879. (8 bienn. rept. state library 1877/9 (pp. 6-10)—*same* 1880/2.)

1877-1898. Stmt. showing condition of state library fund from June 30, 1877, to June 30, 1879. (8 *same* 1877/9 (p. 11)—*same* 1896/8.)

1882-1888. Stmt. of warrants drawn agst. state library fund from Apr. 6, 1882, to June 30, 1888. (*Same* 1886/8: 21.)

1882-1904. Stmt. showing receipts and expenditures from library fund from July 1, 1882, to June 30, 1884. (*Same* 1882/4 (pp. 7-13)—*same* 1902/4.)

Stockton Public Library

1880-1890. Short history of organization and growth of Stockton Public Library. (Trans. state agric. socy. 1890: 426-428.)

Supreme Court Library

1867/9-1884. Supreme Court Library fund; receipts and payments. (Bienn. rept. state treasurer 1867/9 (p. 23)—*same* 1882/4.)

1870. Rept. on library matters; being acct. of moneys expended for and no. of books in library of Supreme Court. 4 pp. (App. to jols. 18 sess. v. 2 doc. [6].)

1871-1904. Stmt. of condition of Supreme Court library fund. (Bienn. rept. state controller 1869/71 (pp. 102-103)—*same* 1902/4.)

LICENSES

1856. Recommendation that certain portion of proceeds arising from sale of various licenses required by law to be taken out, be reserved by various counties, and remainder be paid into state treasury, and that a certain percentage to be paid rateably by state and co., be allowed co. treasurers for collection of same. (A.R. state comptroller 1855/6: 6.)

1858. Adverse rept. on that portion of comptroller's rept. reading "financial condition . . . . imperative demand for increased tax for ensuing yr. unless law controlling distribution of proceeds of sales of state and co. licenses is changed." (Assem. jol. 10 sess. pp. 263-268.)

Charge that if foreign miners' license and poll tax were properly collected property tax could be reduced.

1870. Minority rept. of S. F. delegation re. Sen. bill 85, act better to secure collection of license taxes in S. F. 2 ll. (App. to jols. 18 sess. v. 3 doc. [63].)

1871. Comments on licenses; great inequality and laxity in collection of state and co. licenses. (Bienn. rept. state controller 1869/71: 10.)

LICENSES—cont'd

Auctions

1851. Reduction urged on rate of taxation on property sold at auction. (Govs. ann. mess. 1851.)

1852. Provisions of revenue act of Apr. 23 for taxation upon sale of consigned goods bitterly opposed in S. F. (*Same* 1853.)

1853. Govs. mess. re. combination of merchants and auctioneers of S. F. to resist payment of tax on consigned goods. (Assem. jol. 1853: 511-512.)

——. Communication from atty. gen. re. combination of merchants and auctioneers of S. F. to resist payment of taxes upon consigned goods. 4 pp. (App. to Sen. jol. 1853 doc. 68.)

1854. Additional legislation needed to enforce payment of percentage, authorized to be collected on sales made at public auction. (Govs. special mess. May 8, 1854.)

1858. Majority and minority rept. on facts concerning non-payment of indebtedness alleged to be due state by auctioneers of S. F. (Assem. jol. 9 sess. pp. 342-343.)

——. Stmt. of mileage due committee to investigate indebtedness of auctioneers of S. F. for licenses and also committee to take inventory of state prison property. (*Same* 9 sess. p. 385.)

——. Stmt. of amt. of mileage and fees due witnesses in Weed investigating case. (*Same* 9 sess. p. 585.)

1862. Rept. of minority dissenting from majority rept. on act for collection of taxes due on consigned goods. (*Same* 13 sess. pp. 593-594.)

——. Veto of act for collection of taxes on consigned goods. (Sen. jol. 13 sess. p. 639.)

1863. Minority rept. of committee on ways and means on Sen. bill 215 re. collection of taxes due on consigned goods. 7 pp. (App. to jols. 14 sess. unnum. doc.)

RECEIPTS AND EXPENDITURES; see below, that title

Bankers; see Banks

Barbers

1902. Rept. of state bd. of barber examrs. (Assem. jol. 35 sess. pp. 472-474; Sen. jol. pp. 362-364.)

Dentists

serial

1 series

Under Act approved March 12, 1885.

1885-1900. Ann. rept. of bd. of dental examiners, 1-16.

In Collected docs. as follows:

1.	1885	In App. to jols.			27	sess.	v. 2	unnum.	doc.
2.	1886	"	"	"	27	"	v. 2	"	"
3.	1886/7	"	"	"	28	"	v. 6	"	"
4.	1887/8	"	"	"	28	"	v. 6	"	"
5.	1888/9	"	"	"	29	"	v. 2	"	"
6.	1889/90	"	"	"	29	"	v. 2	"	"
7.	1890/1	"	"	"	30	"	v. 7	"	"
8.	1891/2	"	"	"	30	"	v. 7	"	"
9-10.	1892/4	"	"	"	31	"	v. 6	"	"
11-12.	1894/6	"	"	"	32	"	v. 6	doc. [4].	
13-14.	1896/8 never printed.								
15-16.	1898/00 in App. to jols. 34 sess. v. 4 doc. [8].								

2 series

Under dental law of 1901.

1901. Ann. rept. of bd. of dental examiners, 17.

In Collected docs. as follows:

17. 1901 in App. to jols. 35 sess. v. 2 doc. [15].

non-serial

1886-1892. Recommendation that sec. 6 of dental law be amended so that informer of violations of act "in cases conviction" shall receive one-half of fine imposed. (A.R. bd. dental examiners 1886 (p. 6) —*same* 1892.)

1899. Rept. on state bd. of dental examiners. (Rept. of committee to make examination of state institutions 1899: 172.)

——. Same; in App. to jols. 33 sess. v. 2.

LAWS; see below, that title

RECEIPTS AND EXPENDITURES; see below, that title

LICENSES—cont'd

Druggists

serial

Under Act of March 11, 1891.

1 series

1891/2-1898/00. Ann. rept. of state bd. of pharmacy, 1 et seq.

In Collected docs. as follows:

1.	1891/2	in	App.	to	jols.	30	sess.	v. 7	unnum. doc.
2-3.	1892/4	"	"	"	"	31	"	v. 6	" "
4-5.	1894/6	"	"	"	"	32	"	v. 6	doc. [3].
6-7.	1896/8	"	"	"	"	33	"	v. 2	" [5].

1898/00 omitted.

2 series

Under Act of March 15, 1901.

1901/2. Ann. rept. of state bd. of pharmacy, 1.

In Collected docs. as follows:

1. 1901/2 in App. to jols. 35 sess. v. 2 doc. [11].

non-serial

1858. Rept. opposing passage of act re. importation and preparation of drugs and medicines. (Assem. jol. 9 sess. pp. 484-485.)

1861. Passage of act to regulate sale of poison suggested. (A.R. atty. gen. 1861: 8.)

1892. Suggestion that legisl. make either proper apprn. or that ann. registration fee be imposed to meet expenses of carrying out provisions of pharmacy act. (A.R. pharmacy bd. 1891/2: 6.)

1899. Rept. on state bd. of pharmacy. (Rept. of committee to make examination of state institutions 1899: 173-174.)

——. Same; in App. to jols. 33 sess v. 2.)

Laws; see below, that title

Receipts and Expenditures; see below, that title

Fishermen; see Fish and Game

Gaming

1852. Rept. agst. proposed bill to license gaming. (Assem. jol. 1852: 445-446.)

Laws

Dentists

1885-1896. Act to insure better education of practitioners of dental surgery, and to regulate practice of dentistry in state. (A.R. bd. dental examiners 1885 (pp. 5-6)—*same* 1895/6.)

1893-1896. An act to amend "act to insure better education of practitioners of dental surgery and to regulate practice of dentistry in state." (*Same* 1893 (p. 9)—*same* 1895/6.)

1900-1903. Law regulating practice of dentistry in Cal. (*Same* 1898/00 (pp. 10-17)—*same* 1903.)

Druggists

189(?). State pharmacy and poison law. 4 pp.

Not seen; entry from Bowker.

1892-1895. Pharmacy law; act to regulate practice of pharmacy and sale of poisons in Cal. (A.R. pharmacy bd. 1891/2 (pp. 24-27)—*same* 1894/5.)

Surveyors

1892. Act to define the duties of and to license land surveyors. (Bienn. rept. surveyor gen. 1890/2: 10-14.)

Miners

See also Labor. Mines. See also a few entries under Land: National Domain, relating to mineral lands and having a general bearing on this subject.

1850. Review of failure of foreign miners' tax law. (A.R. controller 1850.)

——. Review of proceedings agst. certain delinquent collector of licenses to foreign miners. (*Same* 1850.)

——. Treasurer's rept. on foreign miners' tax law, with stmts. of licenses issued to co. collectors, amts. recd. and delinquent. (Legisl. jol. 1851: 591-598; 907-914.)

LICENSES—cont'd

Miners—cont'd

1850. Favorable rept. on bill imposing tax on foreigners for privilege of taking gold from state, in view of large no. of foreigners of bad character among miners, and large proportion of output of mines going to foreign countries as well as large mo. revenue to be derived therefrom. (*Same* 1849/50: 493-497.)

1851. Stmt. of delinquent collectors of taxes for foreign miners showing cause of delinquency. (*Same* 1851: 660-663.)

——. Opinion of Cal. Supreme Court on constitutionality of foreign miners' license tax act. (*Same* 1851: 683-701.)

1867. Comments on foreign miners' licenses. (Bienn. rept. state controller 1865/7: 9.)

1871. Federal courts have declared it a misdemeanor, punishable by fine or imprisonment, or both, in discretion of federal judge, for officers of this state to enforce law requiring them to collect of foreign miners license tax imposed for working mines in state; recommended that state make provision for appeal, and for prosecuting same in U. S. Supreme Court as test case. (Rept. atty. gen. 1870/1: 5-6.)

Receipts and Expenditures; see below, that title

Passenger Brokers

1857. Rept. of committee of ways and means on stamp act and passenger broker license act, Mch. 9. 9 pp. (App. to Assem. jol. 8 sess. unnum. doc. [9].)

——. Same. (Assem. jol. 8 sess. pp. 501-507.)

Physicians

1853. Rept. [adverse] on bill for act to regulate practice of medicine and surgery in Cal. 1 l. (App. to Assem. jol. 4 sess. doc. 39.)

Receipts and Expenditures

1852. Revision of laws creating revenue from licenses and consigned goods is earnestly suggested in connection with view to immediate augmentation of ann. receipts into treasury and that proceeds be given to general fund. (A.R. state comptroller 1851/2: 33.)

Auctions

1850. Table: amt. of auction sales in various cos., and duties paid thereon (July 1 to Dec. 15). (Suppl. rept. comptroller 1850.)

1851. Tabular stmt. showing amt. of auction sales in different cos., together with amt. of duties chargeable thereon, reported to comptroller by auctioneers. (A.R. state comptroller 1850/1: 503.)

1854-1857. Amt. recd. into state treasury from S. F. Co. for auction duties. (Assem. jol. 9 sess. p. 355.)

——. Same; from city and co. of S. F. (*Same* 9 sess. p. 354.)

Banks; see Banks. Receipts and Expenditures

Dentists

1885-1903. Stmt. of acct. of all money recd. and disbursed by bd. (A.R. bd. dental examiners 1885 (p. 4)—*same* 1903.)

Druggists

1892-1904. Financial stmt.: bd. of pharmacy in acct. with treasurer. (A.R. pharmacy bd. 1891/2 (p. 5) —*same* 1904.)

1904. Financial rept. under itinerant vendor act of Mch. 20, 1903. (*Same* 1903/4: 4.)

Insurance Companies; see Insurance. Revenue

Miners

1851-1856. Stmt. of ann. receipts into state treasury from foreign miners' licenses. (Rept. committee on mines and mining, Sen. jol. 1856: 400.)

1853. Stmt. showing expense on acct. of enforcing law concerning foreign miners; etc. (A.R. state comptroller 1852/3: 13.)

LICENSES—cont'd
Receipts and Expenditures—cont'd
MINERS—cont'd
1853-1855. Stmt. of ann. receipts from foreign miners' licenses in El Dorado Co. (Repts. committee on mines and mining, Sen. jol. 1856: 401.)
1854-1856. Stmt. of foreign miners' licenses issued to each county. (A.R. state treasurer 1853/4 (p. 27) —*same* 1855/6.)
1854-1858. Stmt. of amts. recd. into treasury from sales of foreign miners' licenses. (Sen. jol. 10 sess. p. 321.)
Amts. given for 1858 cover ½ yr. only.
Surveyors
LAWS; see above, that title

LIFE DIPLOMA FUND; see EDUCATION. SCHOOL FUNDS

LIFE INSURANCE; see INSURANCE

LIGHT AND POWER COMPANIES; see CORPORATIONS

LIME
Deposits; see Natural Resources. Mineral
Manufacture; see Industries, etc.

LIMESTONE; see NATURAL RESOURCES. MINERAL

LINE OFFICERS' FUND; see FINANCE: STATE. FUNDS

LIQUOR
Inspection; see Industries, etc.

LIQUOR TRAFFIC
See also material re. efforts of wine interests of state to maintain a state wine room, under Industries, etc. Wine.
1853. Rept. of select committee recommending passage of "act for suppression of drinking houses and tippling shops." 4 pp. (App. to Assem. jol. 4 sess. doc. 46.)
——. Favorable rept. on proposed act for suppression of drinking houses. 4 pp. (*Same* 1853 doc. 46.)
1870/1. Regulation of liquor traffic. (1 bienn. rept. bd. health 1870/1: 4.)
1871/3. Rept. on effect of use of intoxicating liquor as beverage and legislation necessary in premises. (2 *same* 1871/3: 160-163.)
In its local application.
1886. Unfavorable comment on unrestricted liquor traffic and practical abolition of Sabbath. (Trans. state agric. socy. 1886: 206-207.)

LIVESTOCK; see AGRICULTURE

LOBSTER; see FISH AND GAME

LOCO-WEED; see AGRICULTURE. LIVESTOCK

LODI
Climate; see that title
Rainfall; see Climate
Temperature; see Climate

LOS ANGELES
Climate; see that title
Fish Market; see Fish and Game
Normal School; see Education: Individual
Parks; see that title
Rainfall; see Climate
Sanitation; see Public Health
Smallpox in; see Public Health. Epidemics
Temperature; see Climate
Water Supply; see that title

LOS ANGELES COUNTY (1850)
Artesian Wells; see Natural Resources
Assessors; see Taxation: State
Bullion Production
1885. See Natural Resources. Mineral. Production; this date.
Clay in; see Natural Resources. Mineral
Climate; see that title
Coal
1892/4-1894/6. See Natural Resources. Mineral. Coal; these dates.
Debt; see that title
Forests; see Natural Resources
French Chalk Quarries; see Natural Resources. Mineral. Chalk
Galena
1892/4-1894/6. See Natural Resources. Mineral. Galena; these dates.
Gold
1881. See Natural Resources. Mineral. Gold; this date.
1888. See same: this date.
1892-1895. See same; these dates.
1892/4-1894/6. See same; these dates.
Gypsum
1892/4-1894/6. See Natural Resources. Mineral. Gypsum; these dates.
Health Resort; see Public Health
Horticultural Board; see Agriculture. Horticultural Commissions
Iron
1892/4-1894/6. See Natural Resources. Mineral. Iron; these dates.
Irrigation; see Land. Irrigation
Lime in; see Natural Resources. Mineral
Limestone in; see Natural Resources. Mineral
Marble in; see Natural Resources. Mineral
Mineral Springs in; see Natural Resources
Mines
1879/80. See Natural Resources. Mineral. Production; this date.
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Natural Gas in; see Natural Resources
Petroleum in; see Natural Resources. Mineral
Poor House; see Maintenance: County
Silver
1892-1895. See Natural Resources. Mineral. Silver; these dates.
Steatite and Serpentine in; see Natural Resources. Mineral
Surveyor; see Land
Temperature; see Climate
Toll Roads; see Roads
Trachyte and Tufa in; see Natural Resources. Mineral
Vivianite in; see Natural Resources. Mineral

LOS GATOS
Climate; see that title

LUMBER
Exports; see Commerce
Industry; see Industries, etc.
Prices; see that title

LUPINS; see AGRICULTURE. CROPS

MADERA COUNTY (1893)

Artesian Wells; see Natural Resources

Copper

1892/4-1894/6. See Natural Resources. Mineral. Copper; these dates.

Geology; see Natural Resources

Gold

1892-1895. See Natural Resources. Mineral. Gold; these dates.

1892/4-1894/6. See same; these dates.

Granite in; see Natural Resources. Mineral

Horticultural Board; see Agriculture. Horticultural Commissions

Lime in; see Natural Resources. Mineral

Limestone in; see Natural Resources. Mineral

Marble in; see Natural Resources. Mineral

Silver; see Natural Resources. Mineral. Silver

MAGNESITE

Deposits; see Natural Resources. Mineral

MAINTENANCE

Arrangement

Maintenance: County
Maintenance: County Individual Institutions
Maintenance: Private
  Defectives
  Delinquents
  Dependents
Maintenance: Private Individual Institutions
  Defectives
  Delinquents
  Dependents
    Aged
    Children
    Friendless
Maintenance: State
  Defectives
    Consumptives
    Epileptics
    Feeble-minded
    Insane
  Delinquents
    Adults
    Minors
  Dependents
  Industries
  Laws
  Public Aid
  Receipts and Expenditures
  Sanitation
  Transportation of Convicts
Maintenance: State Individual Institutions
  Defectives
    Blind
    Deaf and Dumb
    Epileptics
    Feeble-minded
    Insane
  Delinquents
    Adults
    Minors
  Dependents

MAINTENANCE: COUNTY

1870/1-1888/90. Tables showing indigent sick treated in various co. hospitals. (1 bienn. rept. bd. health 1870/1 (p. 62)—11 *same* 1888/90: 99-113.)

1881. Abstr. of answers from sheriffs of 31 cos. concerning jails of Cal. (7 *same* 1880/1 foldg. table facing p. 32.)

1892. Suggestion that state pass law providing that counties pay state for maintenance of their indigent insane, or at least share cost with state. (Rept. Napa state insane asylum 1890/2: 12-13.)

1894. Aged persons in indigent circumstances, orphans, etc., supported by cos. outside of hospitals. (A.R. bd. examiners dated 1895: 45-48.)

——. Tables showing cos. which receive aid for support of orphans, etc., supported by co. outside of hospital or home. (Blue book 1895: 88.)

MAINTENANCE: COUNTY INDIVIDUAL INSTITUTIONS

LOS ANGELES COUNTY

See also below, San Diego Co.

1870. Petition of bd. of supervisors for apprn. for support of non-resident indigent sick of Los Angeles Co. 5 pp. (App. to jols. 18 sess. v. 3 unnum. doc.)

SACRAMENTO COUNTY

1870/1. Rept. on condition and construction of Sacramento Co. Hospital. (1 bienn. rept. bd. health 1870/1: 41-42.)

SAN DIEGO COUNTY

1890. Rept. on poor house of San Diego and Los Angeles cos. (A.R. bd. examiners dated 1891: 33-34.)

SAN FRANCISCO COUNTY

1870/1. Rept. on condition and affairs of S. F. city and co. hospital. (1 bienn. rept. bd. health 1870/1: 30-32.)

——. Rept. on condition and mngmt. of almshouse, S. F. (1 *same* 1870/1: 29-30.)

1890. Rept. of secy. on condition of city and co. almshouse of S. F.; also list of persons erroneously included in claim of S. F. city and co. almshouse for support by state of aged persons in indigent circumstances for half yr. endg. June 30. (A.R. bd. examiners dated 1891: 32-33.)

SAN LUIS OBISPO COUNTY

1879. Rept. of San Luis Obispo Co. hospital on condition and state of affairs of same. (5 bienn. rept. bd. health 1877/9: 110-114.)

SOLANO COUNTY

1870/1. Quarterly rept. of patients in Solano Co. Hospital. (1 bienn. rept. bd. health 1870/1: 40.)

MAINTENANCE: PRIVATE

1874. Rept. of Sen. hospital committee on institutions not under state control. 7 pp. (App. to jols. 20 sess. v. 6 [doc. 23].)

Defectives

HOME FOR CARE OF INEBRIATES, SAN FRANCISCO

serial

Under Act of May 2, 1862.

1 series

1862/3. Rept. of pres. and treasurer of Home for Care of Inebriates, S. F.

In Collected docs. as follows:
1862/3 in App. to jols. 15 sess. v. 2 doc. [3].

2 series

1864/5-1867/9. Rept. of bd. of trustees of Home for Care of Inebriates, S. F.

1864/5 in App. to jols. 16 sess. v. 3 unnum. doc.
1866/7 omitted.
1867/9 in App. to jols. 18 sess. v. 2 unnum. doc.

non-serial

1862. Rept. on amt. appropriated to Home, and manner in which same was expended. (Sen. jol. 13 sess. p. 510.)

Delinquents

1870. Petition of Cal. prison comn. [private assn.] for state aid. 6 pp. (App. to jols. 18 sess. v. 3 unnum. doc.)

Dependents

1879/80. Rept. of state supt. on care and education of orphans and abandoned children; orphan asylums receiving state aid. (9 rept. supt. public instruction 1879/80 (pp. 46-49)—21 *same* 1902/4.)

Not found in 1899/00.

1880. Jt. rept. on orphan asylums. 24 pp. (App. to jols. 23 sess. v. 5 unnum. docs.)

——. Rept. on orphan asylums. (Sen. jol. 23 sess. pp. 545-546.)

MAINTENANCE: PRIVATE—cont'd

Dependents—cont'd

1881-1882. Rept. of agt. as to mngmt. of several orphan asylums receiving aid from state. (A.R. bd. examiners dated Jan. 1, 1881 (pp. 8-11)—*same* 1881/2.)

1887/8. Rept. of secy. of state bd. of examiners on condition of orphan asylums of state. (*Same* dated 1889: 43-46.)

1889. Rept. of committee on sanitary condition and mngmt. of orphan asylums and almshouses drawing aid from state. (11 bienn. rept. bd. health 1888/90: 77-87.)

EXPENDITURES FOR

1882-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for support of orphans, half orphans, and abandoned children. (Bienn. rept. state controller 1880/2 (pp. 61-63)—*same* 1902/4.)

MAINTENANCE: PRIVATE INDIVIDUAL INSTITUTIONS

MARYSVILLE BENEVOLENT SOCIETY

1870. Petition for state aid. 2 ll. (App. to jols. 18 sess. v. 3 unnum. doc.)

PROTESTANT EPISCOPAL CHURCH HOME ASSOCIATION

1870. Petition for state aid. 2 ll. (App. to jols. 18 sess. v. 3 unnum. doc.)

SCHOOL OF THE HOLY CROSS

1870. Petition of mngrs. for apprn. 2 ll. (App. to jols. 18 sess. v. 3 unnum. doc.)

SISTERS OF MERCY, SAN FRANCISCO

1860. Rept. of lady superior. 1 l. (App. to Assem. jol. 12 sess. unnum. doc.; App. to Sen. jol. *same*.)

Defectives

ALAMEDA PARK ASYLUM

1867. Rept. of bd. of directors and physicians. 8 pp. (App. to jols. 17 sess. v. 2 unnum. doc.)

ST. BONIFACE'S ASYLUM

1870. Petition for relief of. 2 ll. (App. to jols. 18 sess. v. 3 unnum. doc.)

ST. LUKE'S HOSPITAL

1876. Veto of act concerning St. Luke's Hospital. (Sen. jol. 21 sess. pp. 440-441.)

SAN FRANCISCO LYING-IN AND FOUNDLING HOSPITAL

serial

1870-1876/7. Ann. rept. of attending physician and surgeon, 1-6.

In Collected docs. as follows:
1. 1870 in 1 Bienn. rept. bd. health 1870/1: 69.
2. 1871/2 omitted.
3. 1872/3 see below, non-serial, 1874.
4. 1874/5 in 3 Bienn. rept. bd. health 1874/5: 62-63.
5. 1875/6 omitted.
6. 1876/7 in App. to jols. 22 sess. v. 4 [doc. 34].

non-serial

1870. Petition for state aid. 6 pp. (App. to jols. 18 sess. v. 3 unnum. doc.)

1874. Petition of S. F. Lying-in Hospital and Foundling Asylum and rept. of same for 1872/3. 7 pp. (*Same* 20 sess. v. 4 unnum. doc.)

1876. Petition for state aid. 7 pp. (*Same* 21 sess. v. 5 unnum. doc.)

1878. Memorial of trustees asking for state aid. 5 pp. App. to jols. 22 sess. v. 4 [doc. 13].)

Delinquents

1865-1871. Rept. on S. F. Industrial School. (1 bienn. rept. supt. public instruction 1864/5 (pp. 356-359)—4 *same* 1870/1.)

MAINTENANCE: PRIVATE INDIVIDUAL INSTITUTIONS—cont'd

Delinquents—cont'd

1868. Testimony re. charges of cruel treatment of inmates of S. F. Industrial School. 9 pp. (App. to jols. 17 sess. v. 2 [doc. 45].)

Dependents

AGED

1894. Comment on Old People's Home of S. F. (A.R. bd. examiners dated 1895: 56-58.)

CHILDREN

1856. Veto of act appropriating money for benefit of orphan asylums of S. F. and San Rafael. (Assem. jol. 1856: 865-866.)

GOOD TEMPLARS' HOME FOR ORPHANS

1870. Petition of Grand Lodge of Good Templars for aid for. 2 ll. (App. to jols. 18 sess. v. 3 unnum. doc.)

PROTESTANT ORPHAN ASYLUM OF SACRAMENTO

1870. Petition of mngrs. for state aid. 6 pp. (App. to jols. 18 sess. v. 3 unnum. doc.)

PROTESTANT ORPHAN ASYLUM, SAN FRANCISCO

1863. Rept. of pres. and secy. 4 pp. (App. to jols. 15 sess. v. 2 doc. [5].)

1870. Petition for an apprn. 4 pp. (*Same* 18 sess. v. 3 unnum. doc.)

ROMAN CATHOLIC FEMALE ORPHAN ASYLUM, SANTA BARBARA

1870. Petition for apprn. 4 pp. (App. to jols. 18 sess. v. 3 unnum. doc.)

ROMAN CATHOLIC ORPHAN ASYLUM OF LOS ANGELES

1860. Rept. of trustees. 1 l. (App. to jols. 12 sess. unnum. doc.)

1861. Same. (*Same* 13 sess. unnum. doc.)

ROMAN CATHOLIC ORPHAN ASYLUM AT SAN RAFAEL

1863. Rept. of supt. (App. to jols. 15 sess. v. 2 unnum. doc.)

SAN FRANCISCO ROMAN CATHOLIC ORPHAN ASYLUM

1860. Rept. of superioress. 2 pp. (App. to Sen. jol. 12 sess. unnum. doc.; App. to Assem jol. unnum. doc.)

1861. Same. (App. to jols. 13 sess. unnum. doc.)

SAN FRANCISCO ORPHAN ASYLUM

1856. Petition of mngrs. for ann. aid, showing history and operation of said asylum, 1851-1856. (Sen. jol. 1856: 280-281.)

1860. Rept. of trustees. 2 pp. (App. to jols. 12 sess. unnum. doc.)

SAN RAFAEL ORPHANAGE FOR BOYS

1856. Petition praying for state aid; with list of orphans. (Sen. jol. 7 sess. pp. 433-434.)

FRIENDLESS

SAN FRANCISCO LADIES' PROTECTION AND RELIEF SOCIETY

serial

1860-1863. Ann. rept. of trustees.

In Collected docs. as follows:
1860 in App. to Sen. jol. 12 sess. unnum. doc.
1860 " " " Assem. " 12 " " "
1861-1862 omitted.
1863 in App. to jols. 15 sess. v. 2 unnum. doc.

non-serial

1870. Petition for state aid, with 15 and 16 ann. rept. 26 pp. (App. to jols. 18 sess. v. 3 unnum. doc.)

MAGDALEN ASYLUM OF SAN FRANCISCO

1864-1868. Rept. and petition of mngrs. from Jan., 1864, to Feb. 1, 1868. 8 pp. (App. to jols. 17 sess. v. 2 unnum. doc.)

1866. Rept. and petition of Sisters of Mercy re. Magdalen Asylum. 6 pp. (*Same* 16 sess. v. 3 unnum. doc.)

1869/70. Rept. of Magdalen Asylum. (*Same* 18 sess. v. 3 unnum. doc.)

MAINTENANCE: PRIVATE INDIVIDUAL INSTITUTIONS —cont'd

Dependents—cont'd

SOLDIERS AND SAILORS

1895. Veto of act making apprn. to pay for support and maintenance of inmates of Woman's Relief Corps at Evergreen for 47th and 48th fiscal yrs. (Sen. jol. 31 sess. pp. 1161-1162.)

MAINTENANCE: STATE

serial

VISITING COMMITTEE

There seems not to have been much fixity in the reports of the several visiting committees on state institutions. In order to avoid much unnecessary duplication they have each been treated as serials, the contents of their various reports indicated, and references have been made from the institutions therein referred to.

A

Assembly Committee on State Hospitals

1860-1899. Rept.

In Collected docs. as follows:
1860 in Assem. jol. 11 sess. pp. 336-337.
Stockton Insane Asylum.
1861 in Assem. jol. 12 sess. pp. 454-457.
Stockton Insane Asylum.
1862 in App. to jols. 13 sess. doc. [26].
Stockton Insane Asylum.
1863 in App. to jols. 14 sess. unnum. doc. 8 pp.
Stockton Insane Asylum, Catholic and Protestant Orphan Asylums at S. F., Deaf, Dumb and Blind Asylum, Magdalen Asylum, Home for Inebriates.
1864 (majority) in App. to jols. 15 sess. v. 2 unnum. doc. 12 pp.
State Reform School, Insane Asylum, Industrial School, Orphan Asylums, Deaf, Dumb and Blind Asylum, Home for Inebriates.
1864 (minority) in App. to jols. 15 sess. v. 2 unnum. doc. 4 pp.
Reform School and Stockton Insane Asylum.
1872 in Assem. jol. 19 sess. pp. 562-563.
Institution for the Deaf, Dumb and Blind
1872 in App. to jols. 19 sess. v. 3 unnum. doc. 4 pp.
City and Co. Hospital, S. F., Almshouse S. F., Industrial School, Magdalen Asylum, S. F. Female Hospital, Lying-in Hospital.
1874 in App. to jols. 20 sess. v. 5 doc. [11].
Stockton Insane Asylum.
1874 in App. to jols. 20 sess. v. 6 doc. [—].*
1876 in Assem. jol. 21 sess. pp. 266, 299.
Institution for the Deaf, Dumb and Blind (p. 266); Napa Insane Asylum (p. 299).
1878 in App. to jols. 22 sess. v. 4 unnum. doc. 22 pp.
1878 (suppl.) in App. to jols. 22 sess. v. 4 unnum. doc. 10 pp.
1880 in App. to jols. 23 sess. v. 5 unnum. doc. 4 pp.
Napa and Stockton Insane Asylums.
1883 in Assem. jol. 25 sess. p. 417.
Stockton Insane Asylum, Deaf, Dumb and Blind Asylum, Ladies Protection and Relief Socy., S. F., Hebrew Orphan Asylum, S. F., Roman Catholic Female Orphan Asylum, Protestant Orphan Asylum, San Rafael Orphan Asylum, Good Templars' Home for Orphans, Catholic Orphan Asylum (Petaluma), Napa Insane Asylum.
1885 in Assem. jol. 26 sess. pp. 610-611.
Napa Insane Asylum.
1887 in App. to jols. 27 sess. v. 8 unnum. doc. 11 pp.
Napa and Stockton Insane Asylums, Protestant Orphan Asylum, S. F., Hebrew Orphan Asylum, S. F., Protestant and Catholic Orphan Asylums, Los Angeles, Home for Feeble-minded, Deaf, Dumb and Blind Asylum.
1889 in Assem. jol. 28 sess. pp. 981-983.
Home for the Feeble-minded.
1895 in Assem. jol. 31 sess. pp. 692-693.
Napa and Mendocino Insane Asylums, Agnews Insane Asylum, Home for Feeble-minded, Veterans' Home.
1899 in Assem. jol. 33 sess. pp. 897-898.
Home for the Feeble-minded.

B

Senate Committee on Hospitals

1864-1897. Rept. of Sen. committee on state hospitals.

In Collected docs. as follows:
1861 in Sen. jol. 12 sess. pp. 327-329.
Stockton Insane Asylum.
1862 in App. to jols. 13 sess. doc. [24].
Stockton Insane Asylum.

* This document was omitted from volume seen by compiler. It is called for in Table of Contents.

MAINTENANCE: STATE—cont'd

serial—cont'd

VISITING COMMITTEE—cont'd

B—cont'd

Senate Committee on Hospitals—cont'd
1864 (majority) in App. to jols. 15 sess. v. 2 unnum. doc. 6 pp.
Stockton Insane Asylum, Reform School and Industrial School, S. F.
1864 (minority) in App. to jols. 15 sess. v. 2 unnum. doc. 14 pp.
1872 in App. to jols. 19 sess. v. 3 doc. [8].
Institution for the Deaf, Dumb and Blind.
1872 in App. to jols. 19 sess. v. 2 doc. [12].
Stockton Insane Asylum.
1874 in Sen. jol. 20 sess. pp. 621-625.
On institutions in S. F. as follows: Inebriate Home, S. F. Female Hospital, S. F. Lying-in Hospital, Cal. State Woman's Hospital, Industrial School, Magdalen Asylum, Protestant Episcopal Church Home, Ladies' Protection and Relief Socy.
1874 in App. to jols. 20 sess. v. 4 doc. [7].
Stockton Insane Asylum.
1876 in App. to jols. 21 sess. v. 4 unnum. doc. 16 pp.
Stockton and Napa Insane Asylums, Deaf, Dumb and Blind Asylum.
1878 in App. to jols. 22 sess. v. 4 unnum. doc. 32 pp.
1881 in App. to jols. 24 sess. v. 3 unnum. doc. 11 pp.
On orphan asylums, showing aggregate and individual classified stmts. of receipts and expenditures and admissions and discharges.
1885 in App. to jols. 20 sess. v. 6 doc. [10].
1885 in Sen. jol. 26 sess. pp. 257-258.
Napa and Stockton Insane Asylums.
1887 in Sen. jol. 27 sess. pp. 157-159.
Institute for the Deaf, Dumb and Blind.
1889 in Sen. jol. 28 sess. pp. 220-221, 424.
Home for the Feeble-minded.
1897 in Sen. jol. 32 sess. pp. 210-211.
Mendocino Insane Asylum, Home for Feeble-minded (Glen Ellen), Veterans' Home, Napa Insane Asylum.

non-serial

1868. Rept. of jt. hospital committee re. charitable institutions aided by state. 10 pp. (App. to jols. 17 sess. v. 3 unnum. doc.)
Ladies' Protection and Relief Socy., S. F., Magdalen Asylum, Protection Orphan Asylum, Catholic Orphan Asylum, Deaf, Dumb and Blind Asylum, Industrial School, S. F., Home for Inebriates, State Reform School, Insane Asylum (Stockton).

1895. Comments on supplies for officers and employes of state institutions. (A.R. bd. examiners dated 1897: 20.)

——. Tables showing date of creation, and, in brief form, workings of all state institutions from their organization up to July 1, 1895. (Blue book 1895: 85-87.)

1898-1900. Recommendation that all state institutions in receipt of money from any source should be compelled by law to pay same into state treasury and render an accounting thereof to controller. (Bienn. rept. state controller 1896/8 (p. 25)—*same* 1898/00.)

1899. Rept. of committee apptd. by Sen. at 32d sess. of legisl. to make examination of state institutions. 187 pp. (App. to jols. 33 sess. v. 2 doc. [6].)
In addition to state institutions (i. e., educational, asylums, hospitals, prisons and reformatories), this rept. contains returns on the administration, receipts and expenditures of the various bds., commissions, etc. Each of the returns has been brought out under its proper heading.

1904. Comments on punitive, corrective, and charitable institutions. (11 bienn. rept. labor statistics 1902/4: 102-109.)

Defectives

1895. Rept. of jt. committee on state hospitals and asylums and public health and quarantine on educational institutions and asylums of state. (Assem. jol. 31 sess. pp. 857-858.)
Stockton Insane Asylum, Deaf, Dumb and Blind Asylum and Industrial School for the Blind.

1901. Rept. of Assem. committee on commissions and public expenditures on hospitals of state. (*Same* 34 sess. pp. 797-799.)

MAINTENANCE: STATE—cont'd

Defectives—cont'd

1901. Rept. of special Sen. committee on investigations of So. Cal. (Sen. jol. 34 sess. pp. 404-406.)

CONSUMPTIVES

1876/7. Suggestions in regard to state hospital for consumptives; by H. Gibbons. (4 bienn. rept. bd. health 1876/7: 63-65.)

1879/80. Rept. of committee on establishment of state hospital for consumptives. (6 *same* 1879/80: 87-108.)

1880. Petition of state bd. of health re. state hospital for consumptives. 4 pp. (App. to jols. 23 sess. v. 5 unnum. doc.)

1896. See below, Feeble-minded; this date.

1898. Urgent recommendation for erection of house for consumptive patients. (3 bienn. rept. trustees of home for feeble-minded children 1897/8: 13.)

EPILEPTICS

1896. See below, Feeble-minded; this date.

1898. See below, Insane. Criminal Insane; this date.

FEEBLE-MINDED

1896. Recommendations for apprns. sufficient to procure cottages for low-grade idiotic cases; cottages for epileptics; cottages for consumptives; a more commodious power-house, heating and lighting plant; new reservoir for fire emergencies, storage, and for power for fencing farm, equipment and care of grounds. (2 bienn. rept. trustees of home for feeble-minded children 1895/6: 8-15.)

INSANE

See also below, Laws.

serial

Under ch. ccxxvii, Stats. 1897. "California Insanity Law."

Previous to enactment of above law each asylum for insane in state, five in number, was working under a different law. The "Insanity Law" was an effort to provide a uniform govt. and management for all state insane asylums.

1896/8-1902/4. Bienn. rept. of state comn. in lunacy, 1-4.

In Collected docs. as follows:

1. 1896/8 in App. to jols. 33 sess. v. 1 doc. [12].
2. 1898/00 " " " " 34 " v. 2 " [3].
3. 1900/2 " " " " 35 " v. 2 " [4].

non-serial

1851/1900-1851/1904. Tables showing no. of admissions, discharges, deaths, etc. in each state hospital from its foundation. (2 bienn. rept. lunacy comn. 1898/00 (pp. 96-98)—4 *same* 1902/4.)

Stockton 1851-1904; Napa 1876-1904; Agnews 1889-1904; Mendocino 1894-1904; Southern California 1894-1904.

1852. Rept. agst. proposed establishment of state hospital at San Diego. (Assem. jol. 1852: 223.)

——. Cost of maintaining state hospitals excessive, and reduction of same urged by change in hospital system of state. (Govs. ann. mess. 1853.)

——. Rept. re. inefficiency of existing charitable system, urging abolition of present state hospitals, and adoption of system provided in proposed act for relief of poor and indigent sick. (Assem. jol. 1852: 623-625.)

——. Rept. re. state hospital system of state disapproving of proposed merging of three existing state hospitals into one institution. (*Same* 1852: 452-454.)

1853. Rept. of committee on state hospitals re. need for insane asylum, with review of apprns. heretofore made in aid of insane. 5 pp. (App. to Sen. jol. 1853 doc. 44.)

——. Comments on state hospitals. (A.R. state comptroller 1852/3: 43-44.)

MAINTENANCE: STATE—cont'd

Defectives—cont'd

INSANE—cont'd

non-serial—cont'd

1853. Rept. of committee on state hospitals re. defects of state hospital system, urging revision of same. 5 pp. (App. to Assem. jol. 1853 doc. 51.)

1854. Existing state hospital system too costly. (Govs. special mess. May 8, 1854.)

——. More economical administration of state hospitals urged. (Govs. ann. mess. 1854: 26.)

1870. Majority and minority repts. of Assem. committee on state hospitals to whom was referred Assem. bill 50, act to provide for apptmt. of a comr. to visit eastern insane asylums, etc. 6 pp. (App. to jols. 18 sess. v. 3 doc. [6].)

1871. Insanity and insane asylums; rept. of E. T. Wilkins, comr. in lunacy for state of Cal., made to Gov. Haight, Dec. 2; history and discussion of the disease, its treatment; proper location and construction of asylums; mngmt. of inmates and separation of criminal insane; also a comprehensive stmt. of facts concerning 149 asylums visited in U. S. and abroad, 1870/1; with statistical tables regarding patients, etc. ix, 345 pp., 15 plans. (*Same* 19 sess. v. 1 doc. [13].)

1874/5. Second rept. on probationary asylums for insane in large cities. (3 bienn. rept. bd. health 1874/5: 70-92.)

1884. Recommendation that another insane asylum be built, south of bay, and in immediate vicinity of S. F. (Rept. Napa state insane asylum 1882/4: 7.)

1898. Review of asylum system of Cal. (1 bienn. rept. lunacy comn. 1896/8: 10-12.)

——. Comments on state comn. in lunacy. (A.R. bd. examiners dated 1899: 20.)

1898-1904. Table giving nationality of patients in the five state hospitals. (1 bienn. rept. lunacy comn. 1896/8 (p. 31)—4 *same* 1902/4.)

1899. Rept. on state comn. in lunacy. (Rept. of committee to make examination of state institutions 1899: 174-175.)

——. Same; in App. to jols. 33 sess. v. 2.

1900-1904. Tables showing counties from which patients in five state hospitals were committed; do. those born in U. S. and the foreign born resp. (2 bienn. rept. lunacy comn. 1898/00 (pp. 88-90)—4 *same* 1902/4.)

1902. Suggested amdmts. to the insanity law. (3 bienn. rept. lunacy comn. 1900/2: 26-28.)

1904. Article on modern treatment of insane; by F. W. Hatch, gen. supt. of state hospitals. (4 *same* 1902/4: 39-44.)

CRIMINAL INSANE

1869-1871. Urgent recommendation that some prompt provision be made for proper care of insane in state prison. (Bienn. rept. state prison director 1869/71: 45.)

1888. Recommendation for passage of law prohibiting commitment and admission of criminal insane persons to state asylum. (Rept. Napa state insane asylum 1886/8: 6.)

1890. Urgent request that provision be made for criminal insane. (11 A.R. state prison director 1889/90: 6-7.)

1898. Recommended legislation for special hospitals for criminal insane and epileptics. (1 bienn. rept. lunacy comn. 1896/8: 40-41.)

1902. Rept. of atty. gen. giving list of suits agst. cos. for support of criminal insane. (2 *same* 1900/2: 24-26.)

——. Comments on urgent need of asylum for convict insane. (2 *same* 1900/2: 7-8.)

MAINTENANCE: STATE—cont'd

Delinquents

1854. Recommendation that office of inspector be made elective by people, that its powers be enlarged and that a reasonable compensation be attached thereto. (A.R. inspector state prison 1854: 4.)

Adults

1874. Rept. of Cal. prison comn. for amelioration of condition of prisoners . . . improvement of prisons and prison discipline . . . . aid and encouragement of discharged prisoners. 4 pp. (App. to jols. 20 sess. v. 5 [doc. 1].)

——. Minority rept. of jt. state prison committee re. establishment of a branch prison. 4 pp. (*Same* 20 sess. v. 6 [doc. 18].)

1881. Rept. of special comn. of inquiry into general administration of state prisons of Cal. 82 pp. (*Same* 25 sess. v. 6 unnum. doc.)

1883. Decision of Gov. Stoneman in the investigation of the People vs. The State Prison Directors. 15 pp.
Not seen; entry from Bowker.

——. Testimony taken before Gov. Stoneman in matter of People vs. State Bd. of Prison Directors. 371 pp.
Not seen; entry from Bowker.

——. Rept. of Sen. prisons and prison bldg. committee finding that state prison directors have been negligent in performance of their duties, and that they have violated nearly every section of the law made for their govt., and several provisions of the constitution of the state. 12 pp. (App. to jols. 25 sess. v. 3 doc. [1].)

[1884.] Rept. of E. R. Highton, comr. to gov.: state prison reform, mngmt. and treatment of criminals and juvenile delinquents; Saratoga and St. Louis conventions; with app. 58 pp.
Not seen; entry from Bowker.

1886. Penology. Rept. of Cal. state penological comn. In compliance with Sen. con. res. 5, Feb. 16, 1885; care of abandoned children; reformatories; police; county jail system; sentences; graded prisons; prison officers; convict labor; aid to discharged prisoners; the parole system; the pardoning power; criminal insane, and proposed legislation. 256 pp. (App. to jols. 27 sess. v. 8 doc. [1].)
Pages 1-167 are the rept. proper, the remainder being an appendix containing the corresp. of the comn. Pages 1-167 are sometimes found as a separate pamphlet.
See also below, Receipts and Expenditures: Delinquents, this date.

——. Rept. of W. C. Hendricks to Gov. Stoneman and the penological comn. 82 pp. (*Same* 27 sess. v. 8 [doc. 2].)
A minority rept. of the foregoing entry.

1888. Selections from standard authors for benefit of prison inmates; compiled by J. Gauley, moral instructor at Folsom. 90 pp.
Not seen; entry from Bowker.

1889. In the matter of the investigation of the state prisons. 9 pp.
Not seen; entry from Bowker.

——. Investigation of affairs of Cal. state prison and charges agst. warden J. McComb; by Assem. and Sen. committees of 28th legisl. 430 pp.
Not seen; entry from Bowker.

1890. Rept. of R. T. Devlin, pres. state bd. prison directors, ... on various reformatory and penal institutions of U. S. 161 pp.
Not seen; entry from Bowker.

1903. Rept. of standing and select committee of Sen. and Assem. re. condition and mngmt. of state prisons. 24 pp.
Not seen; entry from Bowker.

Laws; see below, that title

MAINTENANCE: STATE—cont'd

Delinquents—cont'd

Minors

1854. Pressing importance of establishing an industrial school for juvenile offenders recommended. (4 A.R. supt. public instruction 1854: 4.)

1857. The establishment of an industrial school for juvenile delinquents again recommended. (7 *same* 1857: 6-7.)

1871. Recommendation that intermediate prison be built, in which boys under 21 yrs. of age shall be confined; also that boys of this age shall pass at least two hrs. per day with moral instructor. (Bienn. rept. state prison director 1869/71: 3.)

Dependents
See also below, Maintenance: State: Individual, etc. Marine Hospital.

1852. Suggestion that system of poor laws be devised and put into operation, by which indigent sick could be maintained by several cos., if passenger tax were apportioned ann. among them according to their population. (A.R. state comptroller 1851/2: 45.)

1855. Rept. re. claim agst. state for support of indigent and sick by Sacramento, 1849-1850. (Assem. jol. 1855: 451-455.)

1904. Comment on support of dependent children and tables, giving idea of how state aid has been granted to various cos. and institutions. (A.R. bd. examiners dated 1905: 11-13.)

Industries
See also Labor. Convict Labor; do. below under Individual Institutions, among the unclassified non-serial material.

1897. Petition praying for defeat of proposed measure to abolish broom-making in state institutions for blind. (Sen. jol. 32 sess. pp. 737-738.)

1900. Comments on industries in state hospitals. (2 bienn. rept. lunacy comn. 1898/00: 22-23.)

Laws

1884. Compendium of codes and statutes relating to prisons and prisoners. 85 pp.
Not seen; entry from Suppl. Cat. Law Dept. Cal. State Library, 1893.

1897. Insanity law of state. 24 pp.
Not seen; entry from Bowker.

1903. Compendium of the statutes and codes, and other matters relating to the state prison and prisoners, etc.; compiled by B. F. Smith. 92 pp. 16°. (State bd. of prison directors.)

Public Aid; see below, Receipts and Expenditures

Receipts and Expenditures
General material only; financial stmts. concerning a particular institution are entered under name of institution; see below Maintenance: State Individual Institutions.

1860. Stmt. of mileage due committee on state hospitals. (Assem. jol. 11 sess. p. 300.)

1861. Stmt. of amt. of mileage due insane asylum, state prison, and commerce and navigation committees. (*Same* 12 sess. pp. 421-422.)

1862. Same; due committee on state institutions. (*Same* 13 sess. pp. 445-447.)

1863. Comments on revenue from charitable institutions, etc. (A.R. state controller 1862/3: 10-11.)

1867-1873. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for charitable institutions. (Bienn. rept. *same* 1865/7 (p. 73)—*same* 1871/3.)

1893. List of cos. with no. and class of those for whom aid was allowed and amt. allowed for one yr. supported by co. outside of hospital or home. (A.R. bd. examiners dated 1895: 44-45.)

1894. Tabular stmt. showing names of cos. and institutions that have recd. aid from state, with no. and class of inmates and amt. allowed for one yr. (*Same* dated 1895: 40-43.)

MAINTENANCE: STATE—cont'd

Receipts and Expenditures—cont'd

1894. Table showing asylums and other institutions receiving aid from state for support of orphans, half-orphans, foundlings, and abandoned children, with names of beneficiaries and amt. paid. (Blue book 1895: 87.)

1895. Table showing total estate (to date) of all state institutions (real estate, improvements, furnishing, lighting plants, water supplies, etc.). (*Same* 1895: 84.)

DEFECTIVES

1854-1862. Stmt. showing amt. expended for hospital purposes; aggregate amt. spent for each hospital and for indigent sick. (A.R. state comptroller 1853/4 (p. 6)—*same* 1861/2.)

BLIND

1886-1890. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for adult blind. (Bienn. rept. state controller 1884/6 (p. 56)—*same* 1888/90.)

1886-1904. Stmt. of condition of adult blind fund. (*Same* 1884/6 (p. 86)—*same* 1902/4.)

1888-1890. Stmt. of condition of adult blind fund, unavailable. (*Same* 1886/8 (p. 84)—*same* 1888/90.)

Adult Blind Fund; see Maintenance: State. Receipts, etc.

INSANE

See also below, Transportation.

1860. Comparative stmt. of cost of maintaining each person per wk. in some of principal insane asylums in U. S. (Rept. insane asylum 1860: 14.)

1874. Table showing daily per capita expense of maintenance of state institutions for insane in U. S. for 1874. (*Same* 1873/5: 23.)

CALIFORNIA

1852. Recommendation that ann. apprn. for support of insane be increased and paid out of proceeds of passenger tax and not in scrip from general fund. (A.R. state comptroller 1851/2: 46.)

1852/3-1853/4. Stmt. of receipts on insane fund. (A. R. state treasurer 1852/3 (p. 34)—*same* 1853/4.)

1853-1854. Tabular stmt. showing condition of insane fund. (A.R. state comptroller 1852/3 (p. 20)—*same* 1853/4.)

1865-1888. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for support of insane. (Bienn. rept. *same* 1863/5 (p. 41)—*same* 1886/8.)

1873-1879. Stmt. of condition of insane asylum special fund. (*Same* 1871/3 (pp. 134-135)—*same* 1877/9.)

1883-1904. Stmt. showing disbursements of the five state hospitals from contingent fund, from time said fund was created by law. (1 bienn. rept. lunacy comn. 1896/8 (p. 21)—*same* 1902/4.)

1886-1896. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for insane asylums. (Bienn. rept. state controller 1884/6 (pp. 56-57)—*same* 1894/6.)

1894. Comments on money recd. by insane asylums, normal schools, etc., from other sources than from state. (A.R. bd. examiners dated 1895: 58-59.)

1896-1904. Stmt. of receipts and disbursements of farm, garden, and dairy for fiscal yr. endg. June 30, of five state hospitals. (1 bienn. rept. lunacy comn. 1896/8 (p. 24)—4 *same* 1902/4.)

1897-1904. Comparative table showing disbursements of five state hospitals from contingent fund for yrs. endg. June 30. (1 *same* 1896/8 (p. 22)—*same* 1902/4.)

MAINTENANCE: STATE—cont'd

Receipts and Expenditures—cont'd

DEFECTIVES—cont'd

CALIFORNIA—cont'd

——. Table showing amt. of money collected since organization of comn. (2 *same* 1898/00 (p. 8)—4 *same* 1902/4.)

1898. Same; expended for support of five state hospitals. (1 *same* 1896/8: 17.)

——. Special apprns. and apprns. requested for ensuing fiscal yrs. for five state asylums. (1 *same* 1896/8: 17-18.)

——. Stmt. of amt. of mileage due committee to investigate insane asylums. (Sen. jol. 9 sess. p. 203.)

1898-1904. Financial stmt. of lunacy comn. (1 bienn. rept. lunacy comn. 1896/8 (pp. 9-10)—4 *same* 1902/4.)

——. Table showing daily and yrly. per capitas and purposes for which money was expended at five state hospitals. (1 *same* 1896/8 (foldg. table)—4 *same* 1902/4.)

——. Table giving total cost of five state hospitals, together with average no. of patients and stock on hand. (1 *same* 1896/8 (p. 16)—4 *same* 1902/4.)

——. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for support of state hospitals. (Bienn. rept. state controller 1896/8 (p. 55)—*same* 1902/4.)

1900. Apprn. requested for ensuing two fiscal yrs. for support and salaries and wages of state hospitals. (2 bienn. rept. lunacy comn. 1898/00: 23-25.)

——. Table showing amt. of supplies purchased and distributed, and balances on hand at beginning and end of each fiscal yr. of state hospitals. (2 *same* 1898/00 foldg. table.)

——. Same; acct. of articles consumed and expenditures of 50th and 51st fiscal yrs. of five state hospitals. (2 *same* 1898/00 foldg. table.)

1900-1904. Same; receipts and disbursements of contingent fund for two yrs. endg. June 30; state hospitals. (2 *same* 1898/00 (p. 15)—4 *same* 1902/4.)

——. Same; cost of different depts. of state hospitals for bienn. period endg. June 30. (2 *same* 1898/00 (foldg. table)—4 *same* 1902/4.)

——. Same; averages for bienn. period endg. June 30; state hospitals. (2 *same* 1898/00 (foldg. table)—4 *same* 1902/4.)

1902. Comments on provisions needed for state hospitals, and amts. asked by mngmt. of each hospital for support and salaries and wages for next two yrs. (2 *same* 1900/2: 9-12.)

——. Table showing amt. of supplies purchased and distributed, and balances on hand at beginning and end of each fiscal yr.; state hospitals. (3 *same* 1900/2 foldg. table.)

1902-1904. Same; quantity and value of products of farm, garden, and dairy, for bienn. period endg. June 30; state hospitals. (3 *same* 1900/2 (foldg. table)—4 *same* 1902/4.)

——. Same; acct. of articles consumed and expenditures of the state hospitals for 52d and 53d fiscal yrs. (3 *same* 1900/2 (foldg. table)—4 *same* 1902/4.)

DELINQUENTS

See also below, Transportation.

1853. Stmt. showing expense of keeping and guarding prisoners, criminal prosecutions, etc. (A.R. state comptroller 1852/3: 13.)

1886. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for penological comrs. (Bienn. rept. *same* 1884/6: 69.)

MAINTENANCE: STATE—cont'd

Receipts and Expenditures—cont'd

DELINQUENTS—cont'd

1891. Govs. mess. with itemized stmt. of moneys paid out of apprn. for investigation of state prisons. (Assem. jol. 29 sess. pp. 192-193.)

1894. Comments on expenses for taking convicts from prisons as witnesses. (A.R. bd. examiners dated 1895: 51.)

DEPENDENTS

POOR

1850/1. Stmt. of operations of state hospital fund. (A.R. state treasurer 1850/1: 514.)
Paging from Collected docs.

1854-1875. Stmt. of hospital fund in acct. with state treasurer. (*Same* 1853/4 (pp. 16-17)—bienn. rept. *same* 1873/5.)

1861-1873. Stmt. of condition of hospital fund, June 30. (A.R. state controller 1860/1 (pp. 30-31)—bienn. rept. *same* 1871/3.)
Fund for support of the indigent sick.

1863. Comments on hospital fund. (A.R. *same* 1862/3: 9.)
Fund for support of the indigent sick.

1865-1871. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for support of indigent sick of state. (*Same* 1864/5 (p. 40)—*same* 1869/71.)

1873. Recommendation that law be amended so as to give controller authority to transfer amt. of hospital fund on hand, and future receipts, to general fund. (Bienn. rept. *same* 1871/3: 7.)

1877. Recommendation that legisl. construct "state alms-house" for such persons as are by law excluded from admission into asylums of state. (Rept. Napa insane asylum 1877: 21.)

1884-1894. Comments on care of aged indigents; also comparative stmts. showing amts. expended and amts. charged for this purpose; latter stmt. showing increase in ann. cost. (*Same* 1892/4: 30-31.)

1884-1900. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for support of aged persons in indigent circumstances. (*Same* 1882/4 (pp. 65-66)—*same* 1898/00.)

TRANSPORTATION

1888-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for transportation of prisoners. (Bienn. rept. state controller 1886/8 (p. 69)—*same* 1902/4.)

1890-1904. Same; for transportation of insane. (*Same* 1888/90 (p. 69)—*same* 1902/4.)

Sanitation

1870/1. Rept. on sanitary architecture of prisons, hospistals, etc. (1 bienn. rept. bd. health 1870/1:37-41.)

1871/3-1902/4. Rept. on sanitary inspection of state institutions. (2 *same* 1871/3 (pp. 54-102)—18 *same* 1902/4.)
Repts. do not always include all or the same institutions; from 1874 to 1880 repts. lapsed.

1880/2. Rept. upon sanitary condition of jails and prisons. (7 *same* 1880/2: 32-39.)

1883. Special mess. of Gov. Stoneman transmitting rept. of state engr. on sewerage of deaf, dumb, and blind asylums and the State University. 7 pp. (App. to jols. 25 sess. v. 1 doc. [5].)

1901/2. Special surveys made for waterworks at Home for Feebleminded, Folsom sewage plant, Southern Cal. pumping plant, water supply at Ione Industrial School, etc. (Rept. comr. public works 1901/2: 17-18.)

MAINTENANCE: STATE—cont'd

Transportation of Convicts, etc.

1854. Suggestion for each co. to be compelled to defray expenses incurred in transportation of convicts to state prison. (A.R. state controller 1853/4: 32.)

1873. Comments on transportation of prisoners; national guard, and state prtg. (Bienn. rept. *same* 1871/3: 9-10.)

1888. Comments on transportation of convicts and insane; also suggestion that expenses be borne by cos. (*Same* 1886/8: 21.)

1900-1904. Comments on deficiencies in apprn. for transportation of insane and feeble-minded children and list of claims agst. apprn. for "transportation of insane." (A.R. bd. examiners dated 1901 (pp. 4-7)—*same* 1902/4.)

RECEIPTS AND EXPENDITURES; see above, that title

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS

Defectives

MARINE HOSPITAL

serial

Established by Act of April 9, 1850 as an immigrant hospital. By Act of 1853 the state poor were maintained here provided for by an annual apprn. of $100,000.

1851-1852. Ann. rept. of trustees of State Marine Hospital at S. F.
1851 in App. to Assem. jol. 1852: 825-828.
1852 " " " " " 1853 doc. 21.

non-serial

1850. Rept. of health officer of S. F., re. vessels examined; with stmt. of cases in Marine Hospital May 7 to Dec. 7, and of receipts and disbursements of same, May 5 to Dec. 15. (Legisl. jol. 1851: 919-924.)

——. Rept. of commerce and navigation committee submitting res. for apprn. of Marine Hospital fund collected at S. F. (App. to Sen. jol. 1 sess. pp. 481-483 doc. P.)

——. State hospital fund created under act providing for Marine Hospital, from certain receipts of bd. of health. (A.R. comptroller 1850.)

1850-1851. Rept. on investigation of finances and mngmt. of State Marine Hospital, showing mngmt.; with stmt. of salaries, and receipts and disbursements May 6, 1850, to Mch. 6, 1851. (Legisl. jol. 1851: 1516-1534.)

1851. Communication and docs. in reply to charges made in rept. of investigating committee on State Marine Hospital. (*Same* 1851: 1658-1676.)

——. Atty. gens. stmt. re. trustees apptd. to administer state hospital fund, created under act approved Apr. 9, 1850, and placed under control of S. F. health officers by act approved Apr. 8, 1850, and left without administration on repeal of latter act. (*Same* 1851: 757-758.)

1854. Recommendation for abolishment of state marine hospital on acct. of heavy expenditures attending the support of institution. (A.R. state comptroller 1853/4: 31.)

1855. Rept. of jt. committee re. provision made for temporary care and maintenance of patients in State Marine Hospital. (Assem. jol. 1855: 643-644.)

——. Rept. of committee apptd. to visit State Marine Hospital at S. F. and Insane Asylum re. transactions and accts. of same, urging removal of indigent in Marine Hospital to cos. on abolition of hospital, Apr. 1. (Sen. jol. 1855: 504-506.)

——. Rept. of hospital committee; adverse to Marine Hospital; favorable to Stockton Insane Asylum. 48 pp. (App. to Sen. jol. 6 sess. doc. 20.)

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Defectives—cont'd

MARINE HOSPITAL—cont'd

Receipts and Expenditures

1851-1852. Receipts and expenditures for and on acct. of marine hospital from May 6, 1850, to Mch. 6, 1851. (Rept. marine hospital 1851 (pp. 1529-1534)—*same* 1852.)

Paging from Collected docs.

1851-1854. Tabular stmt. showing condition of state marine hospital fund. (A.R. state comptroller 1850/1 (p. 496)—*same* 1853/4.)

Paging from Collected docs.

1851/2-1852/3. Stmt. of S. F. State Marine Hospital fund receipts. (A.R. state treasurer 1851/2 (p. 15)—*same* 1852/3.)

1852-1854. Tabular stmt. showing condition of S. F. State Marine Hospital fund. (A.R. state comptroller 1851/2 (p. 23)—*same* 1853/4.)

1853. Rept. of committee on state hospitals, re. transactions, receipts and expenditures of State Marine Hospital for yr., and estimated contingent fund necessary for ensuing yr. (Assem. jol. 1854: 248-249.)

1853-1855. Treasurer's stmt. of commutation tax recd. from mayor of S. F. for 1853 and 1854, and amt. of same on hand belonging to hospital fund. (Sen. jol. 1855: 177.)

VISITING COMMITTEE

1852. Rept. of committee apptd. to examine affairs and condition of State Marine Hospital at S. F. re. general condition of same, urging revision of law creating hospital revenue. (Assem. jol. 1852: 161-162.)

1853. Rept. of committee apptd. to examine State Marine Hospital at S. F., re. operation of same. 4 pp. (App. to Assem. jol. 1853 doc. 55.)

1854. Same; re. mngmt. and transactions of State Marine Hospital and Insane Asylum, resp. (Assem. jol. 1854: 259-261.)

1855. Rept. re. investigation of condition of State Marine Hospital, showing misapplication of funds, and poor administration urging care of indigent sick of state by cos. (*Same* 1855: 420-422.)

BLIND

See also below, Deaf and Dumb.

INDUSTRIAL HOME FOR ADULT BLIND

serial

Under Act of March 5, 1885.

1885-1902. Ann. rept. of bd. of directors of Industrial Home and Mechanical Trades for Adult Blind, 1-17.

In Collected docs. as follows:

1.	1885	in App. to jols.	28	sess.	v. 6	unnum.	doc.
2.	1885/6	"	"	"	"	27	"	v. 2	"	"
3.	1886/7	"	"	"	"	28	"	v. 6	"	"
4.	1887/8	"	"	"	"	28	"	v. 2	"	"
5.	1888/9	"	"	"	"	29	"	v. 2	"	"
6.	1889/90	"	"	"	"	29	"	v. 2	"	"
7.	1890/1	"	"	"	"	30	"	v. 7	"	"
8.	1891/2	"	"	"	"	30	"	v. 7	"	"
9.	1892/4	"	"	"	"	31	"	v. 6	"	"
10.	1895 no rept. published.									
11.	1896 in App. to jols. 32 sess. v. 6 doc. [15].									
12-14.	1897-1899 no rept. published.									
15.	1900 in App. to jols. 34 sess. v. 4 doc. [1].									
16-17.	1901-1902 no rept. published.									

non-serial

1885-1904. Review of work done at Home during yr. (Rept. Industrial Home for Blind 1885 (pp. 3-6)—*same* 1903/4.)

No repts. from 1897-1899 nor from 1901-1902.

1886. Estimate of expenditures necessary for next two yrs. calculated upon basis of 150 inmates. (*Same* 1885/6: 9.)

1886-1887. Recommendation for permanent establishment of Industrial Home for Blind. (*Same* 1885/6 (p. 9)—*same* 1886/7.)

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Defectives—cont'd

BLIND—cont'd

INDUSTRIAL HOME FOR ADULT BLIND—cont'd

non-serial—cont'd

1886/7. Summary of salaries and wages for each mo. (except inmates); with recapitulation. (*Same* 1886/7: 7-8.)

1888. Recommendation for apprn. for bldg. purposes. (*Same* 1887/8: 8.)

1889. Same; greater flexibility in the law in regard to mnfg. dept. of home. (*Same* 1888/9: 8.)

1892. Same; other state institutions be by law directed to purchase the products of this institution. (*Same* 1891/2: 6.)

——. Same; increase in bienn. apprn. of $10,000, making sum total needed $60,000. (*Same* 1891/2: 7.)

——. Judge's decision in case of Rudisill vs. John P. Irish et al. (*Same* 1891/2: 7-8.)

——. Recommendation for apprn. of $6600 for purchase of land adjoining Home to the westward, fronting on 36th street 220 feet. (*Same* 1891/2: 9.)

1893. Rept. on investigation of fitness of a blind man to hold and administer office of supt. of Industrial Home for Adult Blind. (Sen. jol. 30 sess. pp. 489-492; Assem. jol. pp. 493-496.)

1894. Recommendation for apprn. for maintenance to be increased to $10,000, which will enable institution to meet any emergency, whether in rise of raw material or fall in price of mnftres. (Rept. Industrial Home for Blind 1893/4: 21.)

1899. Rept. on Home for Adult Blind. (Rept. of committee to make examination of state institutions 1899: 58-61.)

——. Same; in App. to jols. 33 sess. v. 2.

1900. Recommendation that bienn. apprn. for Institution be restored to former figure, and that sum be appropriated to pay for stock now on hand secured in order to re-open shops, and that further sum be appropriated to meet deficit left by former officers. (Rept. Industrial Home for Blind 1899/00: 10.)

By-Laws

1893. By-laws of bd. of directors with act governing home, and applicant's blank. 27 pp. 24°.

——. Same; 1897, 1899.

Items not seen; entry from Bowker.

Receipts and Expenditures

1885-1887. Stmt. giving receipts and expenditures for yr. (Rept. Industrial Home for Blind 1885 (pp. 5-6)—*same* 1886/7.)

1885-1904. Same; no. and mo. pay of employes. (*Same* 1885 (p. 5)—*same* 1903/4.)

No repts. for 1897-1899, nor for 1901-1902.

1886-1889. Same; summary of misc. expenses each mo. from Dec., 1886. (*Same* 1886/7 (p. 6)—*same* 1888/9.)

1888-1900. Same; mo. returns from sale of mnftred. goods during yr. (*Same* 1887/8 (p. 6)—*same* 1900.)

No repts. from 1897-1899.

1889/90-1904. Summary of expenditures of Home during yr. (*Same* 1889/90 (p. 6)—*same* 1903/4.)

No repts. from 1897-1899, nor for 1901-1902.

1890-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for Industrial Home of Mechanical Trades for Adult Blind. (Bienn. rept. state controller 1888/90 (p. 52)—*same* 1902/4.)

1891-1898. Table showing per capita cost per ann. for each item of expenditure. (Rept. of committee to make examination of state institutions 1899: 58-61.)

——. Same; in App. to jols. 33 sess. v. 2.

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Defectives—cont'd

BLIND—cont'd

INDUSTRIAL HOME FOR ADULT BLIND—cont'd

Receipts and Expenditures—cont'd

1895/6. Stmt. showing mo. expenditures since beginning of fiscal yr. July 1, 1895. (Rept. Industrial Home for Blind 1896: 4.)

1896. Stmt. giving schedule of expenditures for 1896. (*Same* 1896: 3-4.)

1904. Same; receipts and expenditures for yr. (*Same* 1903/4: 10.)

DEAF AND DUMB

INSTITUTE FOR DEAF, DUMB AND BLIND, BERKELEY

serial

California Institution for the Deaf, Dumb and Blind

1 series

1860-1865. Rept. of trustees of institution for the education and care of the indigent deaf, dumb, and blind, 1-6.

In Collected docs. as follows:
1. 1860/1 omitted.
2. 1861 in App. to jols. 13 sess. unnum. doc. [28].
3-6. 1862-1865 omitted.

2 series

1866/7-1902/4. Bienn. rept. of bd. of directors and officers of the Cal. Institution for the Education of the Deaf, Dumb, and Blind, 7-26.

In Collected docs. as follows:

7.	1866/7	in App. to jols.			17 sess.	v. 1	unnum.	doc.	
8.	1867/9	"	"	"	18 "	v. 2	"	"	
9.	1870/1	"	"	"	19 "	v. 1	"	"	
10.	1871/3	"	"	"	20 "	v. 6	"	"	
11.	1873/5	"	"	"	21 "	v. 2	"	"	
11.	1873/5	" 6 Bienn. rept. supt. public instruction 1874/5: 427-440.							
12.	1875/7	in App. to jols.			22 sess.	v. 3	unnum.	doc.	
13.	1877/9	"	"	"	23 "	v. 1	"	"	
14.	1879/80	"	"	"	24 "	v. 2	"	"	
15.	1880/2	"	"	"	25 "	v. 4	"	"	
16.	1882/4	"	"	"	26 "	v. 5	"	"	
17.	1884/6	"	"	"	27 "	v. 2	"	"	
18.	1886/8	"	"	"	28 "	v. 6	"	"	
19.	1888/90	"	"	"	29 "	v. 2	"	"	
20.	1890/2	"	"	"	30 "	v. 7	"	"	
21.	1892/4	"	"	"	31 "	v. 6	"	"	
22.	1894/6	"	"	"	32 "	v. 6	"	"	
23.	1896/8	"	"	"	33 "	v. 1	"	"	
24.	1898/00	"	"	"	34 "	v. 4	"	"	
25.	1900/2	"	"	"	35 "	v. 2	"	"	

The 1st-11th repts. were reprinted in 1890. The 1st rept. covers 11 mos. ending Feb. 1, 1861; 2d do. 11 mos. ending Dec. 31, 1861; 7th do. 21 mos. ending Sept. 30, 1867; 9th do. 23 mos. ending July 31, 1871; 10th do. 23 mos. ending June 30, 1873; 14th 12 mos. ending June 30.

The institution was organized in March, 1860, under private auspices. From 1860 to 1866 the institution recd. the benefit of apprns. both from the state and the city of S. F. On March 31, 1866, the state legislature passed an act re-organizing the bd., placing it under a bd. of directors, who, after the first bd. named in the bill, were to be apptd. by the Governor. By this act the institution was made a feature of the school system.

non-serial

1860. Recommendation for apprn. for purchase of site for institution. (1 A.R. bd. directors Deaf, Dumb, and Blind Institution 1860: 6.)

——. Suggestion for further apprn. to enable bldg. to be carried to completion. (1 *same* 1860: 6.)

1860-1904. Stmt. giving list of pupils in institution. (1 *same* 1860 (pp. 11-12)—26 *same* 1904.)

——. Historical sketch of Institution for Deaf and Dumb, with stmt. of receipts and expenditures of last two yrs. (21 rept. supt. public instruction 1902/4: 71-74.)

1862. Recommendation for apprn. for erection of main edifice in accordance with plans already adopted. (3 A.R. bd. directors Deaf, Dumb, and Blind Institution 1862: 6.)

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Defectives—cont'd

DEAF AND DUMB—cont'd

INSTITUTE FOR DEAF, DUMB AND BLIND, BERKELEY—cont'd

non-serial—cont'd

1862. Suggestion that apprn. for support of indigent pupils be extended. (3 *same* 1862: 5.)

1863. Comment on asylum for deaf, dumb, and blind. (13 A.R. supt. public instruction 1863: 67.)

1864. Rept. of jt. committee on deaf, dumb, and blind asylums apptd. under Sen. con. res. 14. 12 pp. (App. to jols. 15 sess. v. 2 unnum. doc.)

——. Proceedings of jt. committee aptd. under Sen. con. res. 14 to investigate affairs of deaf, dumb, and blind asylum, with testimony taken. 103 pp. (*Same* 15 sess. v. 2 unnum. doc.)

1866-1869. Repts. of committee of examination of institution to bd. of directors of same. (7 rept. bd. directors Deaf, Dumb, and Blind Institution 1867 (pp. 29-34)—8 *same* 1869.)

1866/7. Rept. of comrs. re. changing site of institution; with expenditures of comrs. (7 *same* 1867: 43-48.)

1868. Rept. of ways and means committee re. Sen. bill 220, concerning change of location of Cal. Institution for Deaf, Dumb and Blind. 2 ll. (App. to jols. 17 sess. v. 2 [doc. 47].)

1869. Earnest request for speedy apprn. for payment of sum borrowed to make repairs to new bldg. due to damage caused by earthquake. (8 rept. bd. directors Deaf, Dumb, and Blind Institution 1869: 42.)

1869-1875. Rept. of state supt. of public instruction on institution for deaf, dumb, and blind. (3 bienn. rept. supt. public instruction 1868/9 (pp. 22-23)—6 *same* 1874/5.)

No repts. in 7th nor 8th repts. of supt. For next rept. see below, 1879/80-1887/8.

1870. Stmt. of comrs. to supervise construction of deaf, dumb, and blind institute, re. claim of J. J. Mecredy, contractor. 19 pp. (App. to jols. 18 sess. v. 2 unnum. doc.)

1871. Recommendation for legisl. to pass deficiency bill. (9 rept. bd. directors Deaf, Dumb, and Blind Institution 1871: 6.)

1873. Recommendation for apprn. for purpose of completing improvement of grounds, etc. (10 *same* 1873: 8; 17.)

——. Recommendation that law be so changed that only indigent pupils shall be clothed at expense of state, when satisfactorily shown to bd. of directors that parents or friends are unable to furnish what is necessary. (10 *same* 1873: 7.)

1876. Rept. of Assem. committee re. institution for deaf, dumb, and blind, etc. 5 pp. (App. to jols. 21 sess. v. 5 unnum. doc.)

1877. Recommendation for apprn. for additional home, refectory, school house, assembly room, etc. (12 rept. bd. directors Deaf, Dumb, and Blind Institution 1877: 7.)

1879. Same; further apprn. for additional home, refectory and gymnasium, educational bldg., increasing water supply, improvement of grounds, etc. (13 *same* 1879: 7.)

——. Same; that usual apprn. of $36,000 be increased to $40,000 per yr. (13 *same* 1879: 7.)

1879/80-1887/8. Rept. of state supt. of public instruction on institution for deaf, dumb, and blind. (9 rept. supt. public instruction 1879/80 (pp. 38-40)—13 *same* 1886/8.)

First rept. occurs in 3d rept. of supt.; see above, 1869-1875. No repts. in 14th-18th repts. of supt. For next rept. see below, 1899-1904.

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Defectives—cont'd

DEAF AND DUMB—cont'd

INSTITUTE FOR DEAF, DUMB AND BLIND, BERKELEY—cont'd

non-serial—cont'd

1880. Recommendation that legisl. make apprn. for educational bldg. (14 rept. bd. directors Deaf, Dumb, and Blind Institution 1880: 6.)

1883. See below, Napa Asylum; this date.

1888. Recommendation for apprn. of $10,000 to be expended for adequate supply of pure water. (18 rept. bd. directors Deaf, Dumb, and Blind Institution 1888: 5-6.)

1890. Same; apprn. to erect home for boys. (19 *same* 1890: 12-13.)

——. Same; increase of apprn. for ensuing yrs. endg. June 30, 1892 and 1893; naming amts. (19 *same* 1890: 14.)

1891. Rept. of bd. of health on sanitary condition and mngmt. of Deaf, Dumb, and Blind Asylum. (12 bienn. rept. bd. health 1890/2: 21-26.)

1892. Recommendation for apprn. for obtaining necessary supply of water for use of institution. (20 rept. bd. directors Deaf, Dumb, and Blind Institution 1892: 6.)

1898. Urgent recommendation for apprn. for purpose of bldg. hospital. (23 *same* 1898: 5.)

1899. Rept. on Deaf and Dumb Asylum, Berkeley. (Rept. of committee to make examination of state institutions 1899: 53-58.)

——. Same; in App. to jols. 33 sess. v. 2.

1899-1904. Rept. of state supt. of public instruction on institution for deaf and blind, Berkeley. (19 rept. supt. public instruction 1899/00 (pp. 178-179)—21 *same* 1902/4.)

Last previous rept. occurs in 13th rept. of supt. see above, 1879/80-1887/8.

1902. Recommendation for apprn. for proper conduct of institution for two yrs. endg. June 30, 1905. (25 rept. bd. directors Deaf, Dumb, and Blind Institution 1902: 9.)

Receipts and Expenditures

1860-1863. Stmt. giving list of donations. (1 A.R. bd. directors Deaf, Dumb, and Blind Institution 1860 (pp. 13-15)—4 *same* 1863.)

1860/1. Treasurer's stmt. (1 *same* 1860: 10.)

1861. Trustees of institution in acct. with state—receipts and disbursements. (2 *same* 1861: 7.)

——. Same; in acct. with city of S. F.; receipts and disbursements. (2 *same* 1861: 8.)

1862-1904. Treasurer's stmt. (3 *same* 1862 (pp. 9-10)—26 *same* 1904.)

1866/7-1869. Treasurer of comrs'. rept. (7 *same* 1867 (pp. 47-48)—8 *same* 1869.)

1867. Communication re. expenses incurred and contracts entered into by bd. of comrs. of new bldgs. of State Institution for Deaf, Dumb, and Blind. 4 pp. (App. to jols. 17 sess. v. 2 unnum. doc.)

1867-1884. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for support of deaf, dumb, and blind. (Bienn. rept. state controller 1865/7 (pp. 71-72)—*same* 1882/4.)

1869/70. J. A. Benton in acct. with Cal. Institution for Deaf, Dumb, and Blind from Oct. 1, 1869, to Mch. 31, 1870. (9 rept. bd. directors Deaf, Dumb, and Blind Institution 1871: 30-31.)

1870/1. H. Linden in acct. with same from Apr. 1, 1870, to July 31, 1871. (9 *same* 1871: 31-32.)

1873-1904. Principal dissections of current expenses. (10 *same* 1873 (pp. 21-28)—26 *same* 1904.)

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Defectives—cont'd

DEAF AND DUMB—cont'd

INSTITUTE FOR DEAF, DUMB AND BLIND, BERKELEY—cont'd

Receipts and Expenditures—cont'd

1886-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for asylum for deaf, dumb, and blind. (Bienn. rept. state controller 1884/6 (p. 56)—*same* 1902/4.)

1891-1898. Table showing per capita cost per annum for each item of expenditure. (Rept. of committee to make examination of state institutions 1899: 58.)

——. Same; in App. to jols. 33 sess. v. 2.)

1900-1904. Stmt. of condition of contingent fund, deaf, dumb, and blind asylum. (Bienn. rept. state controller 1898/00 (p. 105)—*same* 1902/4.)

Sanitation

See above, general group, this heading.

Visiting Committees

See serial groups, under Education, Public Buildings and Grounds, and Maintenance: State.

EPILEPTICS

1888. See below, Home for Feeble-minded; this date.

1898. See same; this date.

FEEBLE-MINDED

CALIFORNIA HOME FOR CARE AND TRAINING OF FEEBLE-MINDED CHILDREN, ELDRIDGE

serial

Incorporated Aug. 7, 1883; opened May 22, 1884. Effects were transferred to state under Act of March 18, 1885.

1 series

1885-1892. Ann. rept. of trustees of Cal. Home for Care and Training of Feeble-minded Children, 1-8.

In Collected docs. as follows:

1. 1885 in App. to jols. 27 sess. v. 2 unnum. doc.
2. 1885/6 " " " " 27 " v. 2 " "
3. 1886/7 " " " " 28 " v. 6 " "
4. 1887/8 " " " " 28 " v. 6 " "
5. 1888/9 " " " " 29 " v. 2 " "
6. 1889/90 " " " " 29 " v. 2 " "
7. 1890/1 omitted.
8. 1891/2 in App. to jols. 30 sess. v. 2 unnum. doc.

2 series

1893/4-1900/2. Bienn. rept. of trustees of Cal. Home for Care and Training of Feeble-minded Children.

In Collected docs. as follows:

1893/4 in App. to jols. 31 sess. v. 6 unnum. doc.
1894/6 " " " 32 " v. 6 " "
1896/8 " " " 33 " v. 1 doc. [15].
1898/00-1900/2 omitted.

3 series

1902/4. Rept. of Home for Feeble-minded Children.

In Documents as follows:

1902/4 in 4 bienn. rept. comn. in lunacy 1902/4: 99-108.

non-serial

188(?). A few facts in relation to Institution for Feeble-minded. 19 pp. 12°.

Not seen; entry from Bowker.

1880-1899. History of and rept. on Cal. Home for Care and Training of Feeble-minded Children. (Rept. of committee to make examination of state institutions 1899: 61-73.)

——. Same; in App. to jols. 33 sess. v. 2.

1885-1898. Review of work for yr. by trustees of Home. (1 A.R. trustees of home for feeble-minded children 1885 (pp. 3-4)—bienn. rept. *same* 1897/8.)

No rept. for 1891.

1886-1904. Table showing movement of population in home. (4 Bienn. rept. lunacy comn. 1902/4: 107.)

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Defectives—cont'd

FEEBLE-MINDED—cont'd

CALIFORNIA HOME FOR CARE AND TRAINING OF FEEBLE-MINDED CHILDREN, ELDRIDGE—cont'd

non-serial—cont'd

1887. Recommendation that bldg. exclusively for females of feeble-minded class be erected; also for erection of suitable bldg. for extreme classes of idiots. (3 A.R. trustees of home for feeble-minded children 1886/7: 7-8.)

1888. Recommendation for apprn. of $22.50 per mo. for each and every inmate of institution now therein and hereinafter to be admitted. (4 *same* 1887/8: 36.)

——. Same; apprn. of $120,000 if home remains in present location; if moved to another place, apprn. must be increased. (4 *same* 1887/8: 36.)

——. Suggestion that suitable provisions be made for accommodation of epileptics and paralytic cases. (4 *same* 1887/8: 54.)

1892. Recommendation for apprn. of $144,000 for 45th and 46th fiscal yrs. for maintenance of inmates. (8 *same* 1891/2: 8.)

——. Same; erection of girls' wing to main bldg. and apprn. for same. (8 *same* 1891/2: 8.)

1893. In the matter of the investigation of the construction of some of the bldgs. of the Home at Glen Ellen, before a select jt. committee on charges of V. Hoffman, Jr., finding that charges were not founded in fact. 22 pp. (App. to jols. 30 sess. v. 8 doc. [2].)

——. Rept. on charges made re. construction of some of bldgs. at Home for Care and Training of Feeble-minded at Glen Ellen. (Sen. jol. 30 sess. pp. 744-745.)

1894. Recommendation for apprn. for erection of main bldg. to home; also, for maintenance, sum of $162,000 for 47th and 48th fiscal yrs. (1 bienn. rept. trustees of home for feeble-minded children 1893/4: 4.)

——. Rept. of committee on sanitary condition and mngmt. of Home for Feeble-minded Children. (13 bienn. rept. bd. health 1892/4: 191.)

1896. Rept. on investigations of water supply at home for care and training of feeble-minded children. 8 pp. (App. to jols. 32 sess. v. 2 doc. [5].)

1897. [Rept. of investigation of present water supply at Home for Care and Training of Feeble-minded Children.] 8 pp. (Acc. rept. comr. of public works 1895/6.)

1898. An act to authorize, empower, and direct Cal. Home for Care and Training of Feeble-minded Children to admit idiots, epileptics, and mentally enfeebled paralytics into said institution; to provide for support of all inmates therein, and to repeal all acts or parts of acts in conflict with provisions of this act. (3 bienn. rept. trustees of home for feeble-minded children 1897/8: 6-7.)

1902-1904. Table showing nativity of patients admitted. (4 bienn. rept. lunacy comn. 1902/4: 105.)

Receipts and Expenditures

1885. Stmt. of expenditures. (1 A.R. trustees of home for feeble-minded children 1885: 4.)

1886. Table comparing cost of maintenance here with cost of 78 additional hospitals and asylums throughout U. S. (3 *same* 1886/7: 20.)

——. Treasurer's rept. (2 *same* 1885/6: 16-21.)

——. Stmt. of amts. recd. from pupils; also amts. unpaid, from Mch. 4 to Oct. 1. (2 *same* 1885/6: 26.)

——. Secy's rept. giving receipts and expenditures for yr. (2 *same* 1885/6: 8-15.)

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Defectives—cont'd

FEEBLE-MINDED—cont'd

CALIFORNIA HOME FOR CARE AND TRAINING OF FEEBLE-MINDED CHILDREN, ELDRIDGE—cont'd

Receipts and Expenditures—cont'd

1886-1898. Table showing ann. contingent fund receipts—maintenance, special donations, sales. (Rept. of committee to make examination of state institutions 1899: 73.)

——. Same; in App. to jols. 33 sess. v. 2.

——. Table showing amts. recd. from pay patients each yr. (Rept. of committee to make examination of state institutions 1899: 69.)

——. Same; in App. to jols. 33 sess. v. 2.

1887-1898. Stmt. of statistics, financial and accts. general. (3 A.R. trustees of home for feeble-minded children 1886/7 (pp. 13-27)—bienn. rept. *same* 1897/8.)

No rept. 1891.

1888-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for feeble-minded children. (Bienn. rept. state controller 1886/8 (p. 53)—*same* 1902/4.)

1891-1898. Table showing per capita cost per annum for each item of expenditure. (Rept. of committee to make examination of state institutions 1899: 73.)

——. Same; in App. to jols. 33 sess. v. 2.

1894-1896. Table giving per diem average cost of maintenance for fiscal yr. endg. June 30. (2 bienn. rept. trustees of home for feeble-minded children 1895/6: 15.)

1896. Schedule giving recapitulation of receipts and expenditures during 47th fiscal yr. endg. June 30. (2 *same* 1895/6: 41.)

1900-1904. Stmt. of condition of contingent fund, Home for Feeble-minded Children. (Bienn. rept. state controller 1898/00 (p. 106)—*same* 1902/4.)

Sanitation

1901/2. See above, general group, this heading.

Visiting Committees

See above, serial group, this title; see also under Education.

INSANE

1860/1. Rules and regulations of insane asylums of Cal. (Rept. insane asylum 1860/1: 68-79.)

1881. Jt. rept. of committee on state hospitals and asylums on asylums for insane, with financial stmts. 8 pp. (App. to jols. 24 sess. v. 3 unnum. doc.)

Napa and Stockton asylums.

1899. Rept. on examination of state hospitals: Stockton, Napa, Agnews, Ukiah, and So. Cal.; with tables showing location, acreage, mnftres., cost of land, bldgs., support, etc., of each. (Rept. of committee to make examination of state institutions 1899: 9-10; 26-28; 81-125.)

——. Same; in App. to jols. 33 sess. v. 2.

AGNEWS STATE HOSPITAL

serial

Under Act of March 9, 1885.

1 series

1884/6-1894/6. Bienn. rept. of State Insane Asylum at Agnews.

In Collected docs. as follows:

1884/6	in	App.	to	jols.	27	sess.	v. 2	unnum.	doc.
1886/8	"	"	"	"	28	"	v. 6	"	"
1888/90	"	"	"	"	29	"	v. 2	"	"
1890/2	"	"	"	"	30	"	v. 7	"	"
1892/4	"	"	"	"	31	"	v. 6	"	"
1894/6	"	"	"	"	32	"	v. 6	"	"

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd
Defectives—cont'd
FEEBLE-MINDED—cont'd
AGNEWS STATE HOSPITAL—cont'd
serial—cont'd
2 series

1896/8-1902/4. Rept. of bd. of mngrs. of Agnews State Hospital.
In Documents as follows:
1896/8 in 1 bienn. rept. comn. in lunacy 1896/8: 113-149.
1898/00 in 2 bienn. rept. comn. in lunacy 1898/00: 47-64.
1900/2 in 3 bienn. rept. comn. in lunacy 1900/2: 55-64.
1902/4 in 4 bienn. rept. comn. in lunacy 1902/4: 63-79.

non-serial

1886. Recommendation for apprn. for carrying out work at Agnews. (Rept. trustees Agnews asylum 1885/6: 6.)
1889-1896. Tables showing nativity of patients admitted; do. counties from which originally committed. (Bienn. rept. *same* 1888/90 (pp. 19-21)—*same* 1894/6.)
1889-1904. Tables showing admissions, discharges, deaths; whole no. treated, recoveries, etc. (2 Bienn. rept. lunacy comn. 1898/00 (pp. 96-99)—4 *same* 1902/4.)
1896-1898. Summary showing no. of patients in hospital, no. admitted, nativity, etc. (1 *same* 1896/8: 131-133, 139-141.)
1904. Recommendation for apprn. for support and salaries of Agnews hospital. (4 *same* 1902/4: 78.)

By-Laws and Regulations

1890. By-laws of bd. of mngrs. of Agnews state hospital. 28 pp. 16°.
1892. Fire regulations, Agnews state hospital. 12 pp. 24°.
1899. By-laws of bd. of mngrs. of Agnews State Hospital. 72 pp. 24°.
These entries not seen; taken from Bowker.

Receipts and Expenditures

1886-1888. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for hospital for chronic insane. (Bienn. rept. state controller 1884/6 (p. 71)—*same* 1886/8.)
1886-1896. Stmt. of financial affairs at Agnews asylum. (Rept. trustees Agnews asylum 1885/6 (pp. 7-8)—bienn. rept. *same* 1894/6.)
1888-1892. Stmt. of estimated apprns. required. (Bienn. rept. *same* 1886/8 (p. 8)—*same* 1890/2.)
1889-1896. Averages for fiscal yr. endg. June 30. (*Same* 1888/90 (p. 29)—*same* 1894/6.)
——. Table showing cost of different depts. for fiscal yr. endg. June 30. (*Same* 1888/90 (p. 28)— *same* 1894/6.)
——. Same; disbursements for yr. endg. June 30. (*Same* 1888/90 (p. 29)—*same* 1894/6.)
1890-1892. Summary of apprns. needed for ensuing two fiscal yrs. (*Same* 1888/90 (p. 13)—*same* 1890/2.)
1890-1897/8. Table showing amt. recd. from pay patients each yr. at Agnews. (Rept. of committee to make examination of state institutions 1899: 84.)
——. Same; in App. to jols. 33 sess. v. 2.
——. Table showing ann. increase in pay-roll at Agnews each yr. (Rept. of committee to make examination of state institutions 1899: 85.)
——. Same; in App. to jols. 33 sess. v. 2.
——. Table showing per capita cost per annum each yr. at Agnews for each item of expenditure. (Rept. of committee to make examination of state institutions 1899: 88.)
——. Same; in App. to jols. 33 sess. v. 2.
1893/4-1897/8. Table showing average daily per capita cost of patients at Agnews. (Rept. of committee to make examination of state institutions 1899: 94.)
——. Same; in App. to jols. 33 sess. v. 2.
——. Table showing per capita cost per annum for maintenance at Agnews. (Rept. of committee to make examination of state institutions 1899: 97.)
1898. List of apprns. needed for Agnews Hospital. (1 bienn. rept. lunacy comn. 1896/8: 129-130.)
——. Invoice of property and cost of maintenance of Agnews State Hospital. (1 *same* 1896/8: 115-117.)
1900-1904. Stmt. of condition of contingent fund, Agnews State Hospital. (Bienn. rept. state controller 1898/00 (p. 106)—*same* 1902/4.)
——. Rept. of treasurer of Agnews State Hospital for two fiscal yrs. (2 bienn. rept. lunacy comn. 1898/00 (pp. 57-58)—4 *same* 1902/4.)

Visiting Committee

See above under serial group, Maintenance: State; see also Public Buildings and Grounds, serial group.

MENDOCINO INSANE ASYLUM
serial
Under Act of Feb. 20, 1889.
1 series

1890/2-1894/6. Bienn. rept. of Mendocino State Insane Asylum, 1-3.
In Collected docs. as follows:
1. 1890/2 in App. to jols. 30 sess. v. 7 unnum. doc.
2. 1892/4 " " " " 31 " v. 6 " "
3. 1894/6 " " " " 32 " v. 6 " "

2 series

1896/8-1902/4. Rept. of Mendocino State Hospital.
In Documents as follows:
1896/8 in 1 bienn. rept. comn. in lunacy 1896/8: 183-212.
1898/00 in 2 bienn. rept. comn. in lunacy 1898/00: 65-76.
1900/2 in 3 bienn. rept. comn. in lunacy 1900/2: 65-71.
1902/4 in 4 bienn. rept. comn. in lunacy 1902/4: 81-87.

non-serial

1894-1904. Tables showing admissions, discharges, deaths; whole no. treated, recoveries, etc. (2 Bienn. rept. lunacy comn. 1898/00 (pp. 96-99)—4 *same* 1902/4.)

By-Laws

1893. By-laws of directors of Mendocino State Hospital. 25 pp. 16°.

Receipts and Expenditures

1892-1902. Stmt. of condition of special Mendocino Insane Asylum fund. (Bienn. rept. state controller 1890/2 (p. 98)—*same* 1900/2.)
1896-1898. Ann. summary showing no. patients in hospital, no. admitted, nativity of same, etc. (1 bienn. rept. lunacy comn. 1896/8: 187-188, 202-204.)
1900. Rept. of treasurer of Mendocino Hospital. (2 *same* 1898/00: 67-70.)
——. List of apprns. recommended by supt. of Mendocino Hospital. (2 *same* 1898/00: 66.)
1900-1904. Stmt. of condition of contingent fund, Mendocino State Hospital. (Bienn. rept. state controller 1898/00 (p. 106)—*same* 1902/4.)

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Defectives—cont'd

FEEBLE-MINDED—cont'd

NAPA STATE INSANE ASYLUM

serial

Under Act of March 27, 1872

1 series

1872/3. Rept. of directors of Napa State Insane Asylum.

In Collected docs. as follows:
1872/3 in App. to jols. 20 sess. v. 4 unnum. doc.

2 series

1873/5. Bienn. rept. of directors of Napa State Insane Asylum.

In Collected docs. as follows:
1873/5 in App. to jols. 21 sess. v. 5 unnum. doc.

3 series

1876/7. Rept. of bd. of trustees of Napa State Insane Asylum.

In Collected docs. as follows:
1876/7 in App. to jols. 22 sess. v. 1 unnum. doc.

Rept. covers period from March 15, 1876-Sept. 1, 1877.

4 series

1877/9-1894/6. Bienn. rept. of trustees and ann. rept., 3-21, of resident physician of Napa Insane Asylum.

In Collected docs. as follows:
1877/9 in bienn. rept. trustees 3/4 A.R. physician in App. 23 sess. v. 1 unnum. doc.
1879/80* in bienn. rept. trustees 5 A.R. physician in App. 24 sess. v. 2 unnum. doc.
1880/2 in bienn. rept. trustees 6/7 A.R. physician in App. 25 sess. v. 1 unnum. doc.
1882/4 in bienn. rept. trustees 8/9 A.R. physician in App. 26 sess. v. 1 unnum. doc.
1884/6 in bienn. rept. trustees 10/11 A.R. physician in App. 27 sess. v. 2 unnum. doc.
1886/8 in bienn. rept. trustees 12/13 A.R. physician in App. 28 sess. v. 6 unnum. doc.
1888/9 in bienn. rept. trustees 14/15 A.R. physician in App. 29 sess. v. 2 unnum. doc.
1890/2 in bienn. rept. trustees 16/17 A.R. physician in App. 30 sess. v. 7 unnum. doc.
1892/4 in bienn. rept. trustees 18/19 A.R. physician in App. 31 sess. v. 6 unnum. doc.
1894/6 in bienn. rept. trustees 20/21 A.R. physician in App. 32 sess. v. 6 doc. 9.

5 series

1896/8-1902/4. Rept. of bd. of mngrs. of Napa State Hospital.

In Documents as follows:
1896/8 in 1 bienn. rept. comn. in lunacy 1896/8: 81-111.
1898/00 in 2 bienn. rept. comn. in lunacy 1898/00: 41-46.
1900/2 in 3 bienn. rept. comn. in lunacy 1900/2: 47-54.
1902/4 in 4 bienn. rept. comn. in lunacy 1902/4: 51-61.

non-serial

1871/3. Rept. of comrs. and secy. of bd. of health re. selecting site for new asylum for insane. (2 bienn. rept. bd. of health 1871/3: 69-74.)

1872. Rept. of comrs. apptd. to select a site for a new asylum for the insane. (Sen. jol. 20 sess. pp. 126-129; Assem. jol. pp. 182-185.)

——. Rept. of secy. of bd. of health re. site selected for new ayslum for insane. (Sen. jol. 20 sess. pp. 129-132; Assem. jol. pp. 185-188.)

1873. Rept. of bd. of directors and architects of Napa State Insane Asylum. (2 bienn. rept. bd. health 1871/3: 75-82.)

1873-1896. Review of work done at Napa State Asylum for yr. (Rept. Napa state asylum for insane 1873 (pp. 3-6)—*same* 1894/6.)

* This rept. is for 1 yr. only.

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Defectives—cont'd

FEEBLE-MINDED—cont'd

NAPA STATE INSANE ASYLUM—cont'd

non-serial—cont'd

1874. Special rept. of committee on public bldgs. and grounds re. condition and necessities of Napa State Asylum for Insane. 4 pp. (App. to jols. 20 sess. v. 6 [doc. 19].)

1875. Rept. on new State Insane Asylum at Napa. (8 bienn. rept. bd. health 1874/5: 68-69.)

——. List of officers and salaries of Napa State Asylum for Insane. (Rept. Napa state insane asylum 1875: 13.)

1875-1898. Table giving no. of admissions, recoveries, deaths, etc., from Nov. 15, 1875, to July 1, 1898. (1 bienn. rept. lunacy comn. 1896/8: 87.)

1876-1904. Tables showing admissions, discharges, deaths; whole no. treated, recoveries, etc. (2 *same* 1898/00 (pp. 96-99)—4 *same* 1902/4.)

1877. Recommendation that legisl. grant apprn. for payment of deficiency. (Rept. Napa insane asylum 1877: 8.)

1879-1880. Recommendation for apprn. for reclamation of low lands betw. high land and line of r.r. (*Same* 1877/9 (p. 29)—*same* 1880.)

1879-1886. Same; erection of infirmary for each sex. (*Same* 1877/9 (p. 27)—*same* 1884/6.)

1883. Rept. on condition of bldgs. of state institutions. (Assem. jol. 25 sess. pp. 569-572.)

Napa Asylum, Deaf and Dumb and Blind Asylum, Stockton Asylum, etc.

1891. Rept. of bd. of health on sanitary conditions and mngmt. of Napa Insane Asylum, etc. (12 bienn. rept. bd. health 1890/2: 21-26.)

1892-1894. Recommendation for apprns. for purpose of constructing entire new sewer system, in and about bldg.; also for erection of three cottages for physicians of asylum. (Rept. Napa state insane asylum 1890/2 (pp. 24-25)—*same* 1892/4.)

1894. Recommendation that legisl. authorize bd. to build from contingent fund suitable cottages to be occupied by physicians and families. (*Same* 1892/4: 9.)

1895. Govs. mess. re. Napa Lunatic Asylum. (Sen. jol. 31 sess. pp. 950-951; Assem. jol. pp. 883-884.)

1895-1897. Tables giving nativity of 229 patients admitted from July 1, 1896, to June 30, 1897. (1 bienn. rept. lunacy comn. 1896/8: 89, 101.)

Receipts and Expenditures

1875. Estimated cost per annum for misc. expenditures for 500 patients at Napa Asylum. (Rept. Napa state insane asylum 1875: 15-17.)

1875-1896. Rept. of treasurer of asylum for fiscal yr. (*Same* 1877 (pp. 16-18)—*same* 1894/6.)

1877. Stmt. giving no. of officers and employes in asylum on June 30, and salary paid each. (*Same* 1877: 49.)

——. Table exhibiting names of creditors, amts. claimed, amts. paid, and amts. remaining to be paid, and those finally allowed and paid. (*Same* 1877: 6-10.)

1877-1896. Steward's rept. showing receipts and expenditures of asylum for fiscal yr. endg. June 30. (*Same* 1877 (pp. 37-39; 47-49)—*same* 1894/6.)

1881. Stmt. giving claims from contractors for work performed in construction of Napa State Asylum for Insane, and reasons assigned by each. (A.R. bd. examiners dated Jan. 1, 1881: 3-5.)

1884-1896. Stmt. of receipts and expenditures on acct. of contingent fund for fiscal yr. endg. June 30. (*Same* 1882/4 (pp. 5-6)—*same* 1894/6.)

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Defectives—cont'd

FEEBLE-MINDED—cont'd

NAPA STATE INSANE ASYLUM—cont'd

Receipts and Expenditures—cont'd

1891/2-1897/8. Table showing amt. recd. each yr. from pay patients at Napa. (Rept. of committee to make examination of state institutions 1899: 105.)

——. Same; in App. to jols. 33 sess. v. 2.

1897. Stmt. showing receipts and expenditures on acct. of contingent fund of Napa Hospital for fiscal yr. endg. June 30. (1 bienn. rept. lunacy comn. 1896/8: 86.)

1900-1904. Stmt. of condition of contingent fund, Napa State Hospital. (Bienn. rept. state controller 1898/00 (p. 105)—*same* 1902/4.)

1902. Rept. of treasurer of Napa State Hospital. (3 bienn. rept. lunacy comn. 1900/2: 51-52.)

Visiting Committee

See above under serial group, Maintenance: State.

SACRAMENTO STATE HOSPITAL

serial

Under Act of April 16, 1851.

1851. Repts. of visiting physician, trustees, and treasurer of Sacramento State Hospital.

In Collected docs. as follows:
1851 in Sen. jol. 1852: 531-545.
Report covers period from April 16-Dec. 31, 1851.

non-serial

1851. List of all patients recd., discharged, remaining, and their nativity. (Rept. trustees Sacramento state hospital 1851: 538-544.)

Paging from Collected docs.

1852. Rept. agst. proposed establishment of another state hospital in city of Sacramento, with review of financial condition of three existing state hospitals. (Assem. jol. 1852: 398-402.)

——. Rept. of jt. committee on condition, wants, resources, and liabilities of Sacramento State Hospital. (App. to Sen. jol. 3 sess. pp. 647-649.)

1853. Petition for reimbursement of moneys expended in construction of public hospital at Sacramento, showing embarrassment of city finances as result of reception of indigent sick of state, in said hospital. 4 pp. (*Same* 1853 doc. 45.)

1870. Petition of citizens of Sacramento re. erection of a hospital in Sacramento Co. 5 pp. (App. to jols. 18 sess. v. 3 unnum. doc.)

Receipts and Expenditures

1851. Sacramento State Hospital in acct. with state treasurer. (Rept. trustees Sacramento state hospital 1851: 544-545.)

Paging from Collected docs.

1851/2-1852/3. Stmt. of Sacramento State Hospital, receipts and payments. (A.R. state treasurer 1851/2 (p. 14)—*same* 1852/3.)

1852. Rept. of committee re. Sacramento State Hospital; transactions and accts., May, 1851, to Jan., 1852. (App. to Sen. jol. 1852: 647-649.)

1852-1854. Tabular stmt. showing condition of Sacramento State Hospital fund. (A.R. state comptroller 1851/2 (p. 23)—*same* 1853/4.)

SOUTHERN CALIFORNIA STATE HOSPITAL

serial

Under Act of March 11, 1889.

1 series

1890/2-1894/6. Bienn. rept. of trustees of Southern Cal. Asylum for Insane and Inebriates.

In Collected docs. as follows:
1. 1890/2 in App. to jols. 30 sess. v. 7 unnum. doc.
2. 1892/4 " " " " 31 " v. 6 " "
unnum. 1894/6 " " " " 32 " v. 6 " "

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Defectives—cont'd

FEEBLE-MINDED—cont'd

SOUTHERN CALIFORNIA STATE HOSPITAL—cont'd

serial—cont'd

2 series

1896/8-1902/4. Bienn. rept. of bd. of mngrs. of the Southern Cal. State Hospital.

In Documents as follows:
1896/8 in 1 bienn. rept. comn. in lunacy 1896/8: 151-182.
1898/00 in 2 bienn. rept. comn. in lunacy 1898/00: 77-84.
1900/2 in 3 bienn. rept. comn. in lunacy 1900/2: 73-77.
1902/4 in 4 bienn. rept. comn. in lunacy 1902/4: 89-96.

non-serial

1893-1898. Table showing percentages deduced from statistical tables covering medical records of hospital since opening. (1 bienn. rept. lunacy comn. 1896/8: 173-174.)

——. Table showing, by months, employment of patients in useful occupations. (1 *same* 1896/8: 171-172.)

1894-1898. Table showing movement of population. (1 *same* 1896/8: 160.)

1894-1904. Tables showing admissions, discharges, deaths; do. whole no. treated, recoveries, etc. (2 *same* 1898/00 (pp. 96-99)—4 *same* 1902/4.)

1896-1898. Table showing nativity of patients. (1 *same* 1896/8: 163-164.)

1904. Comments on defalcation at Southern Cal. State Hospital. (Bienn. rept. state controller 1902/4: 30.)

——. Comments on defalcation at Southern Cal. State Hospital. (4 bienn. rept. lunacy comn. 1902/4: 18-20.)

——. Recommendation for apprn. of $110,000 for needs of Southern Cal. Hospital. (4 *same* 1902/4: 90.)

Receipts and Expenditures

1890-1894. Stmt. of condition of Southern Cal. Insane Asylum fund. (Bienn. rept. state controller 1888/90 (p. 93)—*same* 1892/4.)

1892/3-1897/8. Table showing amts. appropriated by legisl. from opening of Southern Cal. State Hospital to June 30, 1898. (Rept. of committee to make examination of state institutions 1899: 117.)

——. Same; in App. to jols. 33 sess. v. 2.

1893/4-1897/8. Table showing amt. recd. each yr. from pay patients at Southern Cal. State Hospital. (Rept. of committee to make examination of state institutions 1899: 112.)

——. Same; in App. to jols. 33 sess. v. 2.

1894/5-1897/8. Table showing cost of fuel, light, power, etc., each yr. at Southern Cal. State Hospital and per capita cost per annum for each item of expenditures. (Rept. of committee to make examination of state institutions 1899: 117.)

——. Same; in App. to jols. 33 sess. v. 2.

1898. Table showing cost of real estate belonging to Southern Cal. State Hospital; do. estimated value of each kind of property belonging to hospital. (Rept. of committee to make examination of state institutions 1899: 109.)

——. Same; in App. to jols. 33 sess. v. 2.

1900-1904. Stmt. of condition of contingent fund, Southern Cal. State Hospital. (Bienn. rept. state controller 1898/00 (p. 106)—*same* 1902/4.)

Sanitation

1901/2. See above, general group, this heading.

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Defectives—cont'd

FEEBLE-MINDED—cont'd

STOCKTON INSANE ASYLUM

serial

Institution opened as a state hospital Aug., 1851. The insane dept. was added in May, 1852. On July 1, 1853, all patients other than the insane were transferred to the State Marine Hospital, and the name of the institution at Stockton was changed to the Insane Asylum of the State of California at Stockton.

1 series

1852. Ann. rept. of trustees of Stockton State Hospital.

In Collected docs. as follows:
1852 in App. to Assem. jol. 1853 doc. 18.

2 series

1853-1855. Ann. rept. of directors of Insane Asylum of State, at Stockton.

In Collected docs. as follows:
1853 in App. to Sen. jol. 5 sess. doc. 3.
1854 " " " " " 6 " " 10.
1855 " " " " " 7 " " 10.
" " " " Assem. " 7 " " 10.

3 series

1856/7-1865. Ann. rept. of trustees of insane asylum of state, 5-13.)

In Collected docs. as follows:
5. 1856/7 in App. to Assem. jol. 9 sess. unnum. doc.
unnum. 1857/8 " " " " " 10 " " "
" 1857/8 " " " Sen. " 10 " " "
7. 1858/9 " " " Assem. " 11 " " "
7. 1858/9 " " " Sen. " 11 " " "
8. 1859/60 " " " Assem. " 12 " " "
8. 1859/60 " " " Sen. " 12 " " "
9. 1860/1 " " " jols. 13 sess. unnum. doc.
10. 1861/2 " " " " 14 " " "
unnum. 1863 " " " " 15 " v. 1 unnum. doc.
" 1864 omitted.
13. 1865 in App. to jols. 16 sess. v. 1 unnum. doc.

4 series

1865/7-1867/9. Bienn. rept. of directors and medical visitors and ann. rept. of supt. of insane asylum.

In Collected docs. as follows:
1865/7 in App. to jols. 17 sess. v. 1 unnum. doc.
1867/9 " " " " 18 " v. 1 " "

5 series

1869/71-1894/6. Bienn. rept. of directors and ann. rept. of supt. of Insane Asylum of State, at Stockton.

In Collected docs. as follows:
1869/71 in App. to jols. 19 sess. v. 1 unnum. doc.
1871/3 " " " " 20 " v. 2 " "
1873/5 " " " " 21 " v. 2 " "
1875/7 " " " " 22 " v. 1 " "
1877/9 " " " " 23 " v. 1 " "
1879/80* " " " " 24 " v. 2 " "
1880/2 " " " " 25 " v. 1 " "
1882/4 " " " " 26 " v. 1 " "
1884/6 " " " " 27 " v. 2 " "
1886/8 " " " " 28 " v. 6 " "
1888/90 " " " " 29 " v. 2 " "
1890/2 " " " " 30 " v. 7 " "
1892/4 " " " " 31 " v. 6 " "
1894/6 " " " " 32 " v. 6 doc. 8.

6 series

1896/8-1902/4. Rept. of bd. of mngrs. of Stockton State Hospital.

In Collected docs. as follows:
1896/8 in 1 bienn. rept. comn. in lunacy 1896/8: 43-79.
1898/00 in 2 bienn. rept. comn. in lunacy 1898/00: 31-39.
1900/2 in 3 bienn. rept. comn. in lunacy 1900/2: 43-46.
1902/4 in 4 bienn. rept. comn. in lunacy 1902/4: 45-49.

Visiting Committee

1856-1862. Rept. of jt. hospital committee.

In Collected docs. as follows:
1856 in Sen. jol. 7 sess. pp. 663-665.
" " App. to jols. 7 sess. unnum. doc. [19].
1858 " Sen. jol. 9 sess. pp. 224-226.
" " Assem. jol. 9 sess. pp. 239-240.
1859 " Assem. jol. 10 sess. pp. 195-196.
" " Sen. jol. 10 sess. p. 200.

* Rept. for 1 yr.

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Defectives—cont'd

FEEBLE-MINDED—cont'd

STOCKTON INSANE ASYLUM—cont'd

Visiting Committee—cont'd
1860 in Sen. jol. 11 sess. pp. 290-292.
" " App. to Assem. jol. 11 sess. doc. [14].
1862 " App. to jols. 13 sess. unnum. doc. [25].

non-serial

1851-1865. Stmts. of admissions, deaths, recoveries, etc. (Bienn. rept. insane asylum 1863/5: 46.)

1851-1896. Comparative stmt. of admissions, recoveries, deaths, etc. (*Same* 1865/7 (p. 24)—*same* 1894/6.)

Continued in repts. of lunacy comn., see below, 1898-1904.

1851-1898. Table showing no. of admissions, discharges, deaths, etc., from foundation of hospital to July 1, 1898. (1 bienn. rept. lunacy comn. 1896/8: 48-49; 64-65.)

In the next rept. this table is combined with a similar table for each of the other four state hospitals, and in this form the table is continued biennially see 2 bienn. rept. lunacy comn. 1898/00: 96-97.

1852. Rept. favoring establishment of State Insane Asylum. (Assem. jol. 1852: 565-566.)

1853. Rept. of committee to whom was referred act to establish asylum for insane of state of Cal. 5 pp. (App. to Sen. jol. 4 sess. doc. 44.)

——. Majority and minority repts. of select committee apptd. to visit Stockton for purpose of examining grounds selected for site of state asylum for insane. 7 pp. (App. to Assem. jol. 4 sess. doc. 33.)

——. Rept. re. transactions of trustees of State Hospital at Stockton in contracting for construction of same, and cessation of work as result of comptroller's refusal to audit draft for same. 4 pp. (*Same* 1853 doc. 34.)

1853-1859. Rept. of committee on state insane asylum on Assem. bill 93 re. patients admitted. (Assem. jol. 11 sess. pp. 586-587.)

1854. Govs. mess. approving act making apprn. for erection of additional bldg. for Insane Asylum. (*Same* 1854: 570-571.)

1854-1896. Table showing residence of patients at time of admission and no. sent from each county in state. (Rept. Stockton insane asylum 1854 (p. 24) —*same* bienn. rept. 1894/6.)

In 1861 (pp. 32-51, rept. 1860/1) this table is considerably extended to show age, sex, nativity, and general health of patients recd.

1855. Favorable review of operations of Lunatic Asylum. (Govs. ann. mess. 1856: 33.)

——. Rept. of hospital committee adverse to Marine Hospital; favorable to Stockton Insane Asylum. 48 pp. (App. to Sen. jol. 6 sess. doc. 20.)

1857. Rept. of jt. special committee on condition of State Insane Asylum at Stockton. (Sen. jol. 8 sess. pp. 391-392; Assem. jol. pp. 463-464.)

——. Same; minority rept. (Sen. jol. 8 sess. pp. 398-401.)

——. Same; with evidence. 32 pp. (App. to Sen. jol. 8 sess. doc. [1].)

——. Minority rept. of committee on Sen. bill 160 re. officers of State Insane Asylum. (Sen. jol. 8 sess. pp. 749-750.)

——. Unfavorable rept. of committee on Sen. bill 160 re. officers of State Insane Asylum. (*Same* 8 sess. pp. 736-737.)

——. Repts. on res. re. election of trustees and physicians of Insane Asylum at Stockton. (Assem. jol. 8 sess. pp. 111-114.)

1858. Rept. re. contract of M. Fennel for bldg. north wing of State Insane Asylum at Stockton. (Sen. jol. 9 sess. pp. 449-450.)

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Defectives—cont'd

FEEBLE-MINDED—cont'd

STOCKTON INSANE ASYLUM—cont'd

non-serial—cont'd

1858-1860. Table showing nativity of patients who have been admitted into asylums from Dec. 1, 1858. (Rept. insane asylum 1859 (pp. 39-40)—*same* 1860.)

1859. Rept. of special investigating committee on State Insane Asylum at Stockton on various charges of maladministration, etc., agst. asylum. (Sen. jol. 10 sess. pp. 343-390.)

——. Same; minority rept. (*Same* 10 sess. pp. 398-403.)

1861. Majority rept. of special committee on condition of asylum at Stockton. (*Same* 12 sess. pp. 638-644.)

——. Same. 11 pp. (App. to Sen. jol. 12 sess. doc. [14].)

——. Rept. of part of Sen. committee on state hospitals dissenting from majority rept. on condition of affairs at asylum at Stockton. (Sen. jol. 12 sess. pp. 818-823.)

——. Repts. of hospitals committee, one favorable to mngmt. of State Insane Asylum; the other, by a portion of the committee, inveighing agst. majority rept. of special committee to examine into affairs of asylum. 12 pp. (App. to Sen. jol. 12 sess. doc. [13].)

——. Rept. of hospitals committee on Insane Asylum at Stockton; disapproving of mad-house, and mngmt. of curative dept. 6 pp. (App. to Assem. jol. 12 sess. doc. [10].)

1861-1896. Table showing nativity of patients. (Rept. insane asylum 1860/1 (pp. 57-58)—bienn. rept. *same* 1894/6.)

1862. Amendments to organic law suggested. (*Same* 1861/2: 32-36.)

1864. Veto of act to amend act concerning Insane Asylum of Cal. and to levy a tax therefor. (Assem. jol. 15 sess. p. 293.)

——. Petition from pres. of bd. of directors of Insane Asylum. 8 pp. (App. to jols. 15 sess. v. 2 unnum. doc.)

1866. Rept. of Sen. committee on hospitals re. Sen. bill 309 to amend act re. Insane Asylum of Cal., and levy tax therefor, approved Apr. 25, 1863. 5 pp. (*Same* 16 sess. v. 3 unnum. doc.)

——. Majority and minority repts. of Assem. committee on state hospital re. Assem. bill 226 providing for care of insane of Cal. 6 pp. (*Same* 16 sess. v. 3 unnum. doc.)

——. Testimony taken before jt. committee to investigate affairs of Insane Asylum at Stockton during administration of W. P. Tilden. 159 pp. (*Same* 16 sess. v. 2 doc. [9].)

1867. Recommendation for tax of 5c. or 6c. on $100 on taxable property in state, for 1868, to complete plan for improvements. (Bienn. rept. insane asylum 1865/7: 16.)

1869-1878. Table exhibiting no. of native and foreign-born admitted into asylum ann. for 10 preceding yrs. (*Same* 1877/9: 11.)

1870. Memorial of W. P. Tilden, M. D., to legisl. of Cal. on treatment, mngmt., and care of insane of Cal.; condemning site of Asylum at Stockton as unhealthy. 18 pp. (App. to jols. 18 sess. v. 3 doc. [2].)

——. Appendix (1869) and suppl. to rept. of supt.; statistical tables, etc., and project of law to determine legal relations of the insane. 2 ll., 80 pp. (*Same* 18 sess. v. 3 doc. [3].)

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Defectives—cont'd

FEEBLE-MINDED—cont'd

STOCKTON INSANE ASYLUM—cont'd

non-serial—cont'd

1883. Claim of Wm. and S. L. Confer re. creation of addition to Insane Asylum at Stockton. (A.R. bd. examiners dated Jan. 1, 1881, to Dec. 31, 1882: 3.)

——. The sewage question in Cal.; rept. of state engr. to bd. of directors of Stockton Insane Asylum on sewerage for institution in their charge. (Bienn. rept. directors State Insane Asylum 1883/4: 51-100.)

——. Same; separate. 76 pp.

——. See also above, Napa Asylum; this date.

1886. Laws of state concerning admission of patients into State Insane Asylum. (Bienn. rept. insane asylum 1884/6: 36-37.)

——. Recommendation for apprn. of $60,000 for necessary repairs and apprn. of $216,000 for maintenance of inmates for next two fiscal yrs. (*Same* 1884/6: 7.)

1888. Same; for apprn. of $230,000 for support of asylum for next two fiscal yrs. (*Same* 1886/8: 8.)

1890. Same; for apprn. of $450,000 for maintenance of inmates for next bienn. period. (*Same* 1888/90: 28.)

1891. Veto of act making apprn. for support of asylum at Stockton. (Assem. jol. 29 sess. p. 689.)

——. Rept. of bd. of health on sanitary condition and mngmt. of Stockton Insane Asylum, etc. (12 bienn. rept. bd. health 1890/2: 21-26.)

1892. Recommendation for apprn. of $445,000 for support of asylum for next two yrs. (Bienn. rept. insane asylum 1890/2: 8.)

1896. Inventory of real estate, buildings, furnishings and improvements. (*Same* 1894/6: 12-14.)

1896-1898. Table showing nativity of those admitted. (1 bienn. rept. lunacy comn. 1896/8: 51-67.)

1898-1904. Comparative table of admissions, recoveries, deaths, etc. (2 *same* 1898/00: 98-99.)

Earlier returns in repts. of state hospital, see above, 1851-1896.

By-Laws

1885. By-laws of directors of Stockton Insane Asylum. 32 pp. 16°.

1890. Same. 37 pp. 16°.

Not seen; entry from Bowker.

Receipts and Expenditures

1851/2-1852/3. Stmt. of Stockton State Hospital fund, receipts and payments. (A.R. state treasurer 1851/2 (pp. 12-13)—*same* 1852/3.)

1852-1854. Tabular stmt. showing condition of Stockton State Hospital fund. (A.R. state comptroller 1851/2 (p. 23)—*same* 1853/4.)

1854. Abstract showing bills unpaid on Jan. 1, 1855, to whom due; being total indebtedness of asylum on that day. (Rept. insane asylum 1854: 60.)

1854-1857. Stmt. of insane asylum fund in acct. with state treasurer. (A.R. state treasurer 1853/4 (pp. 18-19)—*same* 1856/7.)

1854-1896. Ann. rept. of treasurer of insane asylum. (Rept. insane asylum 1854 (pp. 53-59)—bienn. rept. *same* 1894/6.)

1856-1859. List of accts. agst. insane asylum unpaid Jan. 1. (*Same* 1857 (pp. 14-17)—*same* 1859.)

1857-1860. Table showing amt. recd. for board, and amt. taken from patients who have been admitted into asylum from Aug. 1. (*Same* 1857 (p. 42)—*same* 1860.)

1858. Memorandum of deficiency created under act appropriating money for erection of additional buildings, etc. (*Same* 1858: 19.)

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Defectives—cont'd

FEEBLE-MINDED—cont'd

STOCKTON INSANE ASYLUM—cont'd

Receipts and Expenditures—cont'd

1858. Stmt. of mileage due state insane asylum visiting committee, and committee to investigate matters connected with co. officers of S. F. Co. (Assem. jol. 9 sess. pp. 212-213.)

1859. Stmt. of mileage due committee to visit insane asylum. (*Same* 10 sess. p. 208.)

——. Same; due special investigating committee of state insane asylum. (Sen. jol. 10 sess. p. 299.)

——. Same; due committee to visit insane asylum. (*Same* 10 sess. p. 173.)

——. Schedule of claims agst. asylum remaining unpaid, and for which no claim has been made agst. state. (Rept. insane asylum 1859: 10.)

1859-1862. Stmt. showing amt. expended for support of insane. (A.R. state controller 1858/9 (p. 9)—*same* 1861/2.)

1861-1863. Table showing office expenses and passages paid for discharged patients from Apr. 20 to Dec. 1. (Rept. insane asylum 1860/1 (p. 62)—*same* 1863.)

——. Same; expense of physician's mansion including maintenance of physicians, their families and matron. (*Same* 1860/1 (p. 63)—*same* 1863.)

——. Same; cost of improvements, repairs, and extraordinary expenses, from Apr. 20 to Dec. 1. (*Same* 1860/1 (p. 65)—*same* 1863.)

1861-1879. Same; garden acct.; no. of days labor performed by patients; also milk furnished from dairy. (*Same* 1860/1 (p. 64)—bienn. rept. *same* 1877/9.)

1861-1896. Same; stewards' acct. of articles consumed in state asylum, and cost of same, including fuel acct. and pay-roll, from Apr. 20 to Dec. 1. (*Same* 1860 (pp. 60-67)—bienn. rept. *same* 1894/6.)

——. Same; cost of different depts. from Apr. 20 to Dec. 1. (*Same* 1860/1 (p. 66)—bienn. rept. *same* 1894/6.)

——. Exhibit of averages, showing average no. of patients under treatment each mo., average no. of 7 mos. and 11 days, with average cost per capita per day, per mo., and per yr. (*Same* 1860/1 (p. 67)—bienn. rept. *same* 1894/6.)

1864/5-1879. Insane asylum fund; receipts and payments. (Bienn. rept. state treasurer 1863/5 (p. 12) —*same* 1877/9.)

1865. Stmt. giving estimated value of insane asylum property. (Bienn. rept. insane asylum 1863/5: 69.)

1865-1873. Stmt. of condition of insane asylum fund. (A.R. state controller 1864/5 (pp. 84-85)—bienn. rept. *same* 1871/3.)

1871/3. Insane asylum special fund; receipts and payments. (Bienn. rept. state treasurer 1871/3: 18.)

1871-1877. Table showing cost of improvements for yr. endg. Sept. 30. (Bienn. rept. insane asylum 1869/71 (p. 40)—*same* 1875/7.)

1873-1874. Stmt. of cost of bldg. north wing of female dept. of asylum, and amt. of balance returned to state controller Dec. 17, 1874. (*Same* 1873/5: 6-8.)

1881-1884. Table showing cost of extraordinary repairs and improvements for yr. endg. June 30. (*Same* 1880/2 (p. 24)—*same* 1882/4.)

1881-1894. Stmt. of stock on hand, June 30, and amt. sold. (*Same* 1880/2 (p. 26)—*same* 1892/4.)

1891-1898. Table showing ann. aggregate and per capita per diem cost of maintenance at Stockton. (Rept. of committee to make examination of state institutions 1899: 121.)

——. Same; in App. to jols. 33 sess. v. 2.

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Defectives—cont'd

FEEBLE-MINDED—cont'd

STOCKTON INSANE ASYLUM—cont'd

Receipts and Expenditures—cont'd

——. Table showing amt. of contract and non-contract goods purchased each yr. at Stockton. (Rept. of committee to make examination of state institutions 1899: 122.)

——. Same; in App. to jols. 33 sess. v. 2.

——. Table showing whole amt. of pay-roll each yr. at Stockton. (Rept. of committee to make examination of state institutions 1899: 123.)

——. Same; in App. to jols. 33 sess. v. 2.

——. Table showing per capita cost per diem at Stockton. (Rept. of committee to make examination of state institutions 1899: 125.)

——. Same; in App. to jols. 33 sess. v. 2.

1894-1896. Amt. of supplies purchased and distributed, and balances on hand at beginning and end of each fiscal yr. (Bienn. rept. insane asylum 1894/6: 34.)

1900. Rept. of treasurer of Stockton State Hospital for two fiscal yrs. 1898-1900. (2 bienn. rept. lunacy comn. 1898/00: 33; 37.)

1900-1904. Stmt. of condition of contingent fund, Stockton State Hospital for Insane. (Bienn. rept. state controller 1898/00 (p. 105)—*same* 1902/4.)

Visiting Committee

See above, under serial group.

Delinquents: Adults (both sexes)

serial

Under Act of April, 1851

1 series

1851. Ann. rept. of inspectors of state prison.
In Collected docs. as follows:
1851 in App. to Sen. jol. 1852: 676-680.

2 series

Under Act of May 1, 1852.

1852. Rept. of state prison comn.
In Collected docs. as follows:
1852 in App. to Assem. jol. 4 sess. doc. 28.

3 series

1854/5. Ann. rept. of bd. of inspectors of state prison.
In Collected docs. as follows:
1854/5 in App. to Assem. jol. 6 sess. doc. 18.
" " " " Sen. jol. 6 sess. doc. 18.

4 series

Under Act of May 7, 1855

1855-1856. Ann. rept. of state bd. of prison directors.
In Collected docs. as follows:
1855 in App. to Sen. jol. 7 sess. doc. [15].
1856 " Sen. jol. 8 sess., pp. 364-366.

5 series

1857. Ann. rept. of state prison comrs.
In Collected docs. as follows:
1857 in App. to Assem. jol. 9 sess. unnum. doc.

6 series

1858-1859. Ann. rept. of state bd. of prison directors.
In Collected docs. as follows:
1858 in App. to Assem. jol. 10 sess. unnum. doc.
1858 " " " Sen. " 10 " " "
1859 " " " Assem. " 11 " " "
1859 " " " Sen. " 11 " " "

7 series

1860. Repts. of bd. of comrs. and bd. of directors of the state prison.
In Collected docs. as follows:
1860 in App. to Sen. jol. 12 sess. doc. [11].
The history and settlement of the McCauley and Tevis claims arising out of the cancellation of the contract between the state and James M. Estell, for the lease of the state prison and convict labor, forms the report of the commissioners appointed for the purpose. The directors' report embodies the annual reports of the state prison officials.

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Delinquents: Adults (both sexes)—cont'd

serial—cont'd

8 series

1861-1863. Ann. rept. of the bd. of directors of the state prison.

In Collected docs. as follows:
1861 in App. to jols. 13 sess. unnum. doc.
1862 " " " " 14 " " "
1863 " " " " 15 " v. 1 unnum. doc.

9 series

1863/5-1877/9. Bienn. rept. of state bd. of prison directors.

In Collected docs. as follows:
1863/5 in App. to jols. 16 sess. v. 2 unnum. doc.
1865/7 " " " " 17 " v. 1 " "
1867/9 " " " " 18 " v. 1 " "
1869/71 " " " " 19 " v. 1 " "
1871/3 " " " " 20 " v. 2 " "
1873/5 " " " " 21 " v. 1 " "
1875/7 " " " " 22 " v. 1 " "
1877/9 " " " " 23 " v. 1 " "

10 series

Under Act of April 15, 1880.

1879/80-1891/2. Ann. rept. of state bd. of prison directors, 1-13.

In Collected docs. as follows:
1. 1879/80* in App. to jols. 24 sess. v. 2 unnum. doc.
2. 1880/1 " " " " 25 " v. 6 " "
3. 1881/2 " " " " 25 " v. 6 " "
4. 1882/3 " " " " 26 " v. 3 " "
5. 1883/4 " " " " 26 " v. 3 " "
6. 1884/5 " " " " 27 " v. 2 " "
7. 1885/6 " " " " 27 " v. 2 " "
8. 1886/7 " " " " 28 " v. 2 " "
9. 1887/8 " " " " 28 " v. 2 " "
10. 1888/9 " " " " 29 " v. 2 " "
11. 1889/90 " " " " 29 " v. 2 " "
12. 1890/1 " " " " 30 " v. 7 " "
13. 1891/2 " " " " 30 " v. 7 " "

11 series

1892/4-1902/4. Bienn. rept. of state bd. of prison directors.

In Collected docs. as follows:
1892/4 in App. to jols. 31 sess. v. 6 unnum. doc.
1894/6 " " " " 32 " v. 6 " "
1896/00† " " " " 34 " v. 2 doc. [5].
1900/2 " " " " 35 " v. 2 " [7].

Visiting Committee

A

1856-1880. Rept. of jt. committee on state prison.

In Collected docs. as follows:
1856 36 pp. in App. to Sen. jol. 7 sess. doc. [16].
1858 26 pp. " " " " 9 " " [10].
—— 26 pp. " " " Assem. " 9 " " [10].
1860 8 pp. " " " Sen. " 11 " " [10].
—— 8 pp. " " " Assem. " 11 " " [10].
1861 9 pp. " " " Sen. " 12 " " [15].
—— in Sen. jol. 12 sess. pp. 618-623.
1863 6 pp. in App. to jols. 14 sess. unnum. doc.
1876 35 pp. " " " " 21 " v. 1 unnum. doc.
—— Suppl. rept. 8 pp. lb.
1880 16 pp. in App. to jols. 23 sess. v. 5 unnum. doc.

B

1857-1903. Rept. of Assem. committee on state prisons and reformatory institutions.

In Collected docs. as follows:
1857 48 pp. in App. to Assem. jol. 8 sess. doc. [14].
1862 10 pp. " " " jols. 13 sess. doc. 20.
1864 14 pp. " " " " 15 " v. 2 unnum. doc.
1868 7 pp. " " " " 17 " v. 2 " "
1872 14 pp. " " " " 19 " v. 3 " "
1878 38 pp. " " " " 22 " v. 2 doc. [38].
1881 in App. to jols. 24 sess. v. 3 unnum. doc.
1883 " Assem. jol. 25 sess. pp. 432-438 (majority).
1883 " " " 25 " p. 581 (minority).
1885 " " " 26 " pp. 511-515.
1887 4 pp. in App. to jols. 27 sess. v. 8 [doc. 17.]
1889 in Assem. jol. 28 sess. pp. 904-905.
1893 " " " 30 " pp. 165-166.
1895 " " " 31 " pp. 854-856.
1901 " " " 34 " pp. 562-563.
1903 " " " 35 " pp. 694-696.

* To June 30, 1880 with suppl. rept. for 4 mos.
† Covers 4 yrs.

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Delinquents: Adults (both sexes)—cont'd

serial—cont'd

Visiting Committee—cont'd

C

1853-1895. Repts. of Sen. committee on state prisons and prison bldgs.

In Collected docs. as follows:
1853 5 pp. in App. to Sen. jol. 1853 doc. 64.
1859 in Sen. jol. 10 sess. pp. 327-332.
1860 in Sen. jol. 11 sess. pp. 417-424.
1864 10 pp. in App. to jols. 15 sess. v. 2 unnum. doc.
1878 33 pp. in App. to jols. 22 sess. v. 4 doc. [37].
1881 4 pp. in App. to jols. 24 sess. v. 3 unnum. doc.
1883 in Sen. jol. 25 sess. pp. 272-277.
1885 5 pp. in App. to jols. 26 sess. v. 6 doc. [9].
1887 8 pp. in App. to jols. 27 sess. v. 2 unnum. doc.
" in Sen. jol. 27 sess. pp. 141-145, 271.
1895 in Sen. jol. 31 sess. pp. 660-662.
Rept. for 1895 is made by a sub-committee.

non-serial

1899. Rept. on examination of state prisons; with tables showing location, acreage, mnftres., cost of land, bldgs., and support, per capita cost of maintenance, population, etc., of Folsom and San Quentin, resp. (Rept. of committee to make examination of state institutions 1899: 8-9; 29-30; 126-143.)

——. Same; in App. to jols. 33 sess. v. 2.

1903. Rept. of standing committee on state prisons and reformatory institutions on state prisons re. use of straight jacket at San Quentin and Folsom. (Assem. jol. 35 sess. pp. 651-653; 1409-1414.)

1904. Recommendations re. bldg. new prison bldgs. and for sale of old prisons at San Quentin and Folsom. (Bienn. rept. state prison directors 1903/4: 95-97.)

Rules and Regulations

1889. Rules for govt. of bd. of directors of state prisons of Cal. 7 pp. 24°.
Not seen; entry from Bowker.

1890. Rules and regulations of Cal. state prisons at San Quentin and Folsom, May 10. 4 pp.
Not seen; entry from Bowker.

1893. Rules and regulations for paroling of prisoners. 18 pp. obl. 48°.
Not seen; entry from Bowker.

Visiting Committee

See above, serial.

STATE PRISON, FOLSOM

1874. Rept. re. establishment of a branch state prison near Folsom. (Sen. jol. 20 sess. pp. 531-532.)

1875. Special rept. of bd. of state prison directors re. branch state prison near Folsom. 31 pp. (App. to jols. 21 sess. v. 3 unnum. doc.)

1876. Rept. of committee on branch state prison at Folsom. 35 pp. (*Same* 21 sess. v. 5 unnum. doc.)

1878. Rept. on proposed branch prison at Folsom, made by Sen. committee on state prisons, etc. 7 pp. (*Same* 22 sess. v. 4 [doc. 39].)

1880. Rept. of bd. of state prison directors re. Folsom branch state prison. 11 pp. (*Same* 23 sess. v. 5 unnum. doc.)

——. Rept. of jt. committee on construction of branch prison at Folsom. 38 pp. (*Same* 23 sess. v. 5 unnum. doc.)

1884. Rept. of commissary of Folsom prison, giving purchases and issues for fiscal yr. (5 A.R. state prison director 1883/4: 74-75.)

1887. Investigation by state bd. of prison directors of charges of cruelty at Folsom, Aug. 13. 70 pp.
Not seen: entry from Bowker.

——. Rept. [favorable] of jt. committee on claim of D. Jordan, for material and labor furnished in construction of branch state prison at Folsom. [Sen. bill 86, Assem. bill 107; also testimony in case.] 4, 37 pp., 1 l. (App. to jols. 27 sess. v. 8 docs. [8 and 9].)

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Delinquents: Adults (both sexes)—cont'd

STATE PRISON, FOLSOM—cont'd

1889. Special rept. re. claim of D. Jordan, contractor, for labor and materials furnished in construction of branch state prison at Folsom. (Assem. jol. 28 sess. pp. 259-262.)

1891. Rept. of bd. of health on sanitary condition and mngmt. of Folsom State Prison, San Quentin State Prison, etc. (12 bienn. rept. bd. health 1890/2: 21-26.)

——. Special rept. of committee on claims on Assem. bill 76, "act to appropriate money to pay claim of D. Jordan re. construction of branch state prison near Folsom. 8 pp. (App. to jols. 29 sess. v. 7 doc. [10].)

1894. Stmt. of claims of Folsom Water Power Co. agst. state of Cal., arising under contract of May 5, 1888, and proceedings under same. (Bienn. rept. state prison director 1893/4: 80.)

1899. Veto of act to provide for construction of sewerage system at Folsom prison and to make an apprn. therefor. (Assem. jol. 33 sess. pp. 862-863.)

1903-1904. Table showing no. of prisoners and occupation of Folsom prison June 30, 1903 and 1904. (11 bienn. rept. labor statistics 1902/4: 104.)

Receipts and Expenditures

1875/7-1880. Receipts and payments on Folsom branch prison fund. (Bienn. rept. state treasurer 1875/7 (p. 13)—*same* 1879/80.)

1877-1880. Stmt. of condition of Folsom branch state prison fund. (Bienn. rept. state controller 1875/7 (p. 85)—*same* 1879/80.)

1881. Clerk's rept. on receipts and disbursements of state prison at Folsom. (2 A.R. state prison director 1880/1 (pp. 60-64)—bienn. rept. *same* 1903/4.)

1883-1884. Abstr. of total cash receipts from all sources from July 1, 1883, to June 30, 1884; Folsom prison. (5 *same* 1883/4: 63.)

1884-1885. Tabular stmt. giving acct. of all moneys recd. during fiscal yr. from state treasury and stmt. of expenditures; Folsom prison. (5 *same* 1883/4 (pp. 64-65)—6 *same* 1884/5.)

1888-1904. Stmt. of condition of Folsom state prison fund. (Bienn. rept. state controller 1886/8 (p. 89) —*same* 1902/4.)

1890/1-1897/8. Table showing value and per cent of contract and non-contract goods purchased by Folsom prison each yr. (Rept. of committee to make examination of state institutions 1899: 140.)

——. Same; in App. to jols. 33 sess. v. 2.

——. Table showing per capita cost per annum at Folsom for each item of expenditure. (Rept. of committee to make examination of state institutions 1899: 143.)

——. Same; in App. to jols. 33 sess. v. 2.

1894/5-1897/8. Table showing cost of lighting Folsom prison each yr. (Rept. of committee to make examination of state institutions 1899: 137.)

——. Same; in App. to jols. 33 sess. v. 2.

Rules and Regulations

See also above for general Rules and Regulations for both prisons.

1889. Rules and regulations for govt. of officers and guards of Cal. state prison at Folsom. 15 pp.
Not seen; entry from Bowker.

Sanitation

1901/2. See above, general group, this heading.

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Delinquents: Adults (both sexes)—cont'd

STATE PRISON, FOLSOM—cont'd

Visiting Committee

See also above for general reports on both prisons by Assem. and Senate committees.

1878. Rept. of Assem. state prison committee on Folsom prison. 7 pp. (App. to jols. 22 sess. v. 4 [doc. 36].)

1893. Rept. on condition of state prison at Folsom. (Assem. jol. 30 sess. pp. 927-930.)

STATE PRISON, SAN QUENTIN

1850-1852. Rept. on state prison, reviewing legislation re. prisons and convicts, 1850-1852; evils of existing system; urging speedy establishment of penitentiary. (Assem. jol. 1852: 243-247.)

1851. Rept. of Sen. committee on state prisons on communication from Gen. Vallejo urging acceptance of offer for location of state prison. (Legisl. jol. 1851: 736-738.)
Communication itself not found printed.

1851-1855. System of placing state prison convicts under control of private individual inaugurated by contract made in 1851, shown to be disastrous, and lease relinquished and state prison bldgs. turned over to directors apptd. under act of May 7, 1855. (Govs. ann. mess. 1856: 8-9.)

1852. Prison needed, and island in S. F. Bay suggested as suitable location for same. (*Same* 1852.)

——. State prison inspectors authorized by act of Apr. 25, 1851, unnecessary; with suggestion to dispense with same and devolve duties upon bd. of any three state officers. (*Same* 1852.)

——. Docs. connected with state prison, being copies of bids made and contract accepted for bldg. same (under act passed May 1, 1852, providing for erection of State Prison). 26 pp. (App. to Sen. jol. 1853 doc. 7.)

——. Comments on state prison. (A.R. state comptroller 1851/2: 47-48.)

1853. Rept. of comrs. apptd. by act of May 1, 1852, to select location for state prison and enter into contract for bldg. same. 4 pp. (App. to Assem. jol. 1853 doc. 23.)

——. Review of transactions under act of May 11, 1853, providing for erection of state prison and nullifying contract entered into under act of May 1, 1852. (Govs. ann. mess. 1854: 26-27.)

——. Comments on state prison, and transportation of prisoners. (A.R. state comptroller 1852/3: 44-45.)

——. San Quentin selected as site for state prison by prison comrs. (Govs. ann. mess. 1853.)

——. Rept. re. investigation of manner of passage of state prison law of 1852 and contract based upon same, showing invalidity of said law and contract, urging partial completion only of prison, in view of excessive cost of completing as provided in contract; with testimony. 37 pp. (App. to Sen. jol. 1853 doc. 52.)

——. Docs. connected with state prison. 26 pp. (*Same* 4 sess. doc. 7.)

——. Communication of comptroller in relation to payment of bill of F. Vassault, contractor for state prison. 4 pp. (*Same* 3 sess. doc. 34.)

1854. Recommendation for law authorizing state prison inspectors to require from all officers and private persons such information as may be important concerning convicts and administration of criminal justice; also be empowered to administer oaths and to punish for contempt a refusal to answer touching subject matter committed to their charge. (A.R. inspectors of state prison 1854: 4.)

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Delinquents: Adults (both sexes)—cont'd

STATE PRISON, SAN QUENTIN—cont'd

1854. Suggestion for additional necessary improvements at state prison, by which convicts may be better secured. (A.R. state comptroller 1853/4: 32.)

1855. Rept. of special committee on state prison, giving results of investigation and adverse opinion on administration of J. M. Estell, lessee. 8 pp. (App. to Sen. jol. 6 sess. doc. 22.)

——. Rept. re. best plan for discipline for future govt. of state prison and estimated cost of new bldgs., reviewing comparative cost of commodities and bldg. materials in Cal. and eastern states. (Assem. jol. 1855: 703-711.)

——. Veto of act to provide for annulling existing contract betw. state and lessee for keeping state prison convicts. (*Same* 1855: 816-819.)

Contract made under acts passed April 25, 1851, and April 10, 1852.

——. Adverse rept. of committee re. condition and mngmt. of state prison. 70 pp. (App. to Assem. jol. 6 sess. doc. 26; App. to Sen. jol. 6 sess. doc. 25.)

——. Suppl. rept. of jt. state prison committee, with reference to new prison bldgs., discipline, etc. 22 pp. (App. to Sen. jol. 6 sess. doc. 23.)

——. Copy of contract entered into by state prison directors for erection of wall at Point San Quentin. (Assem. jol. 1856: 161-163.)

——. Communication from lessee of state prison re. impending dissolution of prison organization and dismissal of convicts, by reason of state's refusal to provide for debts incurred in maintenance of same, and consequent attachment of prison property by creditors. (*Same* 1855: 846-847.)

——. Corresp. re. relinquishment of lease of state prison, with copy of agreement made for same. (App. to govs. ann. mess. 1856.)

——. Memorial of state prison guards, showing failure on part of lessee to pay salaries for over yr. (*Same* 1856.)

——. Rept. re. examination of mngmt. and condition of state prison, showing present system to be objectionable, and urging purchase of lease by state, with copy of lease, and atty. gens. opinion re. terms of contract. (Sen. jol. 1855: 512-520; Assem. jol. pp. 562-570.)

——. Legislation needed to regulate state prison discipline. (Govs. ann. mess. 1855: 37-38.)

——. Rept. of special jt. committee on state prison, Mch. 20. 8 pp. (App. to Sen. jol. 6 sess. doc. 21; App. to Assem. jol. 6 sess. doc. 22.)

1856. Petition of state prison directors praying for aid, with review of destitute condition of said institution. (Assem. jol. 1856: 150-151; Sen. jol. 1856: 149-150.)

——. Rept. of state prison directors re. condition of accts., cost of maintenance and guard in Jan., 1856. (Sen. jol. 1856: 375-379.)

——. Rept. re. investigation of contracts for state prison supplies and construction, showing fraud agst. state; with testimony and acc. docs. (*Same* 1856: 356-383.)

——. [Adverse] rept. on state prison, by jt. committee [with reference to construction of walls of penitentiary; with rept. of directors]. 36 pp. (App. to Sen. jol. 7 sess. doc. [16]; App. to Assem. jol. 7 sess. doc. [12].)

——. Rept. of special committee apptd. to ascertain amt. of controller's warrants issued during yr. 1855, on acct. of state prison. 35 pp. (App. to Sen. jol. 7 sess. doc. 10?)

Doc. wrongly numbered, is probably no. 20.

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Delinquents: Adults (both sexes)—cont'd

STATE PRISON, SAN QUENTIN—cont'd

1856. Suggestion to abolish bd. of state prison directors, leaving warden in connection with gov., secy. of state, controller, and treasurer as bd. of inspectors to manage its affairs. (Govs. ann. mess. 1856: 14.)

——. Minority rept. of state prison directors re. employment of prisoners, expenses, and sale, to Cal., of part of Punto de San Quentin, by A. Woods. 16 pp. (App. to Assem. jol. 7 sess. doc. 11.)

——. Rept. of state prison comrs. created under act approved Mch. 21, re. lease of prison grounds and convicts, and recommending abolition of bd. of directors; with copy of said lease. (Assem. jol. 1856: 823-831.)

——. Govs. mess. approving act creating bd. of state prison comrs., reviewing provisions of same, and suggestions for improvements, with statistics showing enormous cost of state prison to date. (*Same* 1856: 553-554.)

——. Veto of act to amend act concerning office of treasurer approved Mch. 16, 1855, providing for payment of state prison warrants. (*Same* 1856: 379-380.)

1857. Rept. of sub-committee of committee on claims re. memorial for payment of $32,216.48 for supplies furnished state prison at San Quentin from June to Nov., 1855. (Sen. jol. 8 sess. pp. 493-496.)

——. Rept. on bids for lease of state prison. (Assem. jol. 8 sess. pp. 820-821.)

——. Stmt. of terms upon which state prison grounds and convicts can be leased for term of 4 yrs. (*Same* 8 sess. p. 748.)

——. Communication from lessee of state prison stating embarrassed financial condition of prison and asking for relief. (*Same* 8 sess. pp. 512-513.)

——. Rept. on terms upon which lessee of state prison will surrender his contract with state; also inventory of property received from warden. (*Same* 8 sess. pp. 605-614.)

——. Rept. and testimony re. investigation of affairs of state prison. (*Same* 8 sess. pp. 382-422.)

1858. Govs. mess. with stmt. of expenditures for state prison. (Sen. jol. 9 sess. pp. 506-508.)

——. Same; re. condition of state prison, with corresp. and rules re. same. (*Same* 9 sess. pp. 325-329.)

——. Opinion [adverse] of atty. gen. on state prison affairs, Feb. 3; maintains that contract betw. bd. of state prison comrs. and J. M. Estell, lessee, was void, in that money involved exceeded limit set for state's indebtedness. 5 pp. (App. to Sen. jol. 9 sess. doc. [11].)

——. Rept. concerning property at state prison, by jt. committee [an inventory]. 48 pp. (*Same* 9 sess. doc. [14].)

——. Opinion of atty. gen. on drawing of warrants by controller in favor of J. M. Estell, on acct. of his contract as lessee of state prison. (Assem. jol. 9 sess. pp. 181-183.)

——. Govs. mess. re. taking possession of state prison and condition of inmates. (*Same* 9 sess. pp. 306-307.)

——. Communication from lessee of state prison re. differences betw. himself and state. (*Same* 9 sess. pp. 278-279.)

——. Govs. mess. re. amt. paid yrly. for transportation of prisoners and recommending that evil be corrected. (*Same* 9 sess. pp. 388-389.)

——. Stmt. of claim of Jas. Smiley for work on state prison. (Sen. jol. 9 sess. p. 260.)

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Delinquents: Adults (both sexes)—cont'd

STATE PRISON, SAN QUENTIN—cont'd

1858. Recommendation for small apprn. to purchase books for use of convicts. (A.R. bd. state prison directors 1858: 7.)

——. Stmt. of claim of E. Lander, with controller's warrants, for provisions furnished state prisoners, and for labor and material for state prison. (Sen. jol. 9 sess. pp. 229-230.)

1859. Recommendation that gov. be authorized to appt. suitable person as warden or state agt. (A.R. state prison directors 1859: 15.)

——. Urgent recommendations for additional prison accommodations. (*Same* 1859: 17.)

——. Stmt. of condition of litigation relating to state prison matters. (*Same* 1859: 19-20.)

——. Rept. [favorable] of Sen. investigating committee re. affairs at state prison. 121 pp., 1 l. (App. to Sen. jol. 16 sess. doc. [10].)

——. Communication with stmt. of value of permanent improvements made upon state prison property; also showing claims agst. state released. (Assem. jol. 10 sess. pp. 681-684.)

——. Rept. of special committee on affairs at state prison. (*Same* 10 sess. pp. 584-669.)

Investigation of charges preferred by J. S. Graham and J. F. McCauley agst. chief warden and mngrs.

——. Same; on matters connected with state prison; with testimony. (Sen. jol. 10 sess. pp. 776-784.)

1860. Communication from sub-lessee of state prison on difficulties existing betw. himself and state re. prison contract. (*Same* 11 sess. pp. 687-700.)

——. Abstr. of sundry articles, per inventory, purchased from J. McCauley on Oct. 11, 1860. (A.R. state prison director 1860: 38-52.)

1860-1861. Stmt. of state prison directors in acct. with state of Cal. (*Same* 1860 (pp. 54-55)—*same* 1861.)

——. Abstr. showing amt. of money recd. each mo., sources from whence recd., amt. expended, and different depts. for which expenditures were made. (*Same* 1860 (p. 62)—*same* 1861.)

——. Estimate of architect of improvements made at prison by order of bd. of directors. (*Same* 1861: 11.)

1862. Stmt. showing detail of prison improvements for yr. (*Same* 1862: 13.)

——. Recommendations re. erection of suitable bldgs. for separate confinement of prisoners. (*Same* 1862: 36.)

1863. Abstr. of title to state prison grounds at Pt. San Quentin. 20 pp. (App. to jols. 14 sess. unnum. doc.)

1864. Rept. of Sen. committee on state prison and public bldgs. 10 pp. (*Same* 15 sess. unnum. doc.)

1864-1865. Action of atty. gen. in matter of settling vexed question of title to lands at Point St. Quentin, and to obtain for state sufficient land for purposes of efficient prison mngmt. (A.R. atty. gen. 1865: 4-9.)

1865. Recommendation for apprn. to pay indebtedness of prison, due July 1, 1866. (Bienn. rept. state prison director 1863/5: 5-6.)

——. Earnest request that legisl. will devise some means whereby the prison can be made reformatory as well as penal institution. (*Same* 1863/5: 6.)

1867. Same; for apprn. to meet liabilities that will accrue from Dec. 1, 1867, to July 1, 1868. (*Same* 1865/7: 5.)

1867-1871. Stmt. of prison improvements. (*Same* 1867/9 (pp. 23-24)—*same* 1869/71.)

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Delinquents: Adults (both sexes)—cont'd

STATE PRISON, SAN QUENTIN—cont'd

1867/9. Recommendation that tax of 4 cts. on one hundred dollars be levied for next 2 yrs. by legisl. for making improvements suggested. (*Same* 1867/9: 7.)

1868-1871. State prison litigation in matter of lands. (Rept. atty. gen. 1868/9 (pp. 3-5)—*same* 1870/1.)

1871. Recommendation that ann. tax of 6 cts. on one hundred dollars be ann. levied for construction of cells and other necessary improvements at state prison; also that provision be made for treatment of insane in prison hospital. (Bienn. rept. state prison director 1869/71: 3.)

1876/7. Rept. on inspection of state prison at San Quentin. (4 bienn. rept. bd. health 1876/7: 66-71.)

1881. Rept. [unfavorable] of special comn. of inquiry into general administration of state prisons of Cal., apptd. by gov. July 1, 1881, and instigated by charges published by the San Jose Mercury and S. F. Daily Examiner, reflecting upon bd. of prison directors, and warden in charge of prison at San Quentin. 82 pp. (App. to jols. 19 sess. v. 6 doc. [8].)

1882. Legislation of state re. expenses of directors of state prison unconstitutional; passage of law directing method in which these expenses shall be audited recommended, and constitutional amdmt. providing for reasonable compensation to these officers suggested. (Rept. atty. gen. 1881/2: 14-15.)

1886. Recommendation for apprn. for additional bldgs. at San Quentin prison. (7 A.R. state prison director 1885/6: 10.)

1888. Same; for apprn. for erecting additional bldg. on prison grounds at San Quentin; also for purchase of tide lands lying betw. prison grounds and deep water, such lands being so situated as to shut off state grounds from deep water. (9 *same* 1887/8: 6.)

——. List of prisoners in Cal. state prison at San Quentin, with list of prisons in other states. 38 pp.

Not seen; entry from Bowker.

1888-1891. Suppl. list of prisoners at San Quentin.

Checklist

1888. July, Aug.
1889. Apr., May, July, Aug., Oct., Nov.
1890. Jan., Mch., July, Aug., Sept., Dec.
1891. Jan., Feb.

Not seen; entry from Bowker.

1889. List of convicts on register of state prison at San Quentin, Marin Co. 404 pp.

Not seen; entry from Bowker.

——. San Quentin prison; its financial and business mngmt.; rept. of I. P. Allen, expert apptd. by gov 49 pp.

Not seen; entry from Bowker.

——. Rept. on charges agst. mngmt. of prison affairs. (Sen. jol. 28 sess. pp. 1060-1061.)

——. Veto of act to regulate powers and duties of state bd. of prison directors. (*Same* 28 sess. pp. 944-946.)

——. Rept. of Assem. committee on public bldgs. and grounds on state prison. (Assem. jol. 28 sess. p. 366.)

1891. See above, Folsom; this date.

Jute-Mills

See Labor. Convict Labor.

Receipts and Expenditures

1851-1858. Table giving yrly. acct. of state prison of Cal. (A.R. state prison directors 1858: 27.)

1851-1879. Same. (*Same* 1861 (p. 41)—*same* 1877/9.)

1851-1890. Comparative stmt. giving prison acct., San Quentin. (5 *same* 1883/4 (foldg. table)—*same* 1889/90.)

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Delinquents: Adults (both sexes)—cont'd

STATE PRISON, SAN QUENTIN—cont'd

Receipts and Expenditures—cont'd

1853. Tabular stmt. showing condition of state prison interest fund. (A.R. state comptroller 1852/3: 21.)

1853-1857. Receipts on state prison interest fund. (A. R. state treasurer 1852/3 (p. 23)—*same* 1856/7.)

1854-1856. Stmt. showing condition of state prison bonds, issued under act of 1853, with amt. issued and redeemed, and balance outstanding. (A.R. state comptroller 1853/4 (p. 26)—*same* 1855/6.)

1855-1856. Treasurer's communication, with stmt. of controller's warrants issued, redeemed and outstanding 1855, and outstanding Feb. 15, 1856 (showing amt. of same issued for state prison). (Assem. jol. 1856: 355.)

——. Rept. re. validity of warrants issued by comptroller on order of state prison directors July 2, 1855, to Jan. 24, 1856, with stmt. of same; and treasurer's stmt. of such warrants entered in his office, showing amts. paid and unpaid. (Sen. jol. 1856: 303-330.)

1856-1862. Stmt. of amt. expended for state prison purposes. (A.R. state comptroller 1855/6 (pp. 14-15) —*same* 1861/2.)

1858. Stmt. showing expenditures for ordinary and extraordinary support for 8 mos. endg. Dec. 31. (A.R. state prison directors 1858: 15.)

——. Stmt. of prison contribution fund, from May 1 to Dec. 31. (*Same* 1858: 20.)

——. Stmt. of state prison in acct. with state of Cal. (*Same* 1858: 21.)

——. Stmt. showing amt. of money recd. each mo., sources from whence recd., amt. expended, and different depts. for which expenditures were made, from May 1 to Dec. 31, inclusive. (*Same* 1858: 14.)

——. Financial stmt. of state prison directors, in acct. with state of Cal. (*Same* 1858: 9.)

——. Stmt. of mileage due state prison visiting committee. (Assem. jol. 9 sess. p. 143.)

——. Same. (Sen. jol. 9 sess. pp. 131-132.)

——. Govs. mess., with stmt. of expenditures for state prison. (*Same* 9 sess. pp. 506-508.)

1859. Stmt. of state prison directors, in acct. with state. (A.R. state prison directors 1859: 7.)

——. Ann. rept. of treasurer of bd. of directors of state prison, in acct. with state, from May, 1858, to Dec. 31, 1859. (*Same* 1859: 6.)

——. Stmt. of amt. of mileage due state prison committee. (Sen. jol. 10 sess. p. 298.)

——. Same. (Assem. jol. 10 sess. pp. 253; 542.)

1860. Same. (*Same* 11 sess. p. 277.)

1861. Same. (Sen. jol. 12 sess. p. 322.)

——. Stmt. of liabilities agst. state prison up to and including Jan. 18, 1862. (A.R. state prison directors 1861: 36-39.)

——. Ann. rept. of state prison treasurer. (*Same* 1861: 32-34.)

1862. Stmt. showing cash receipts and disbursements for yr. (*Same* 1862: 15-17.)

——. Same; assets and liabilities of prison, Dec. 31. (*Same* 1862: 9-12.)

1863. Table showing financial condition of Cal. state prison, Dec. 15. (*Same* 1863/5: 13.)

1863-1865. General summary of disbursements by commissary for support of state prison from Dec. 15, 1863, to Nov. 1, 1865. (*Same* 1863/5: 48.)

1863-1867. Stmt. of cash receipts and disbursements of Cal. state prison from Dec. 15, 1863, to Nov. 1, 1867. (*Same* 1863/5 (pp. 24-32)—*same* 1867.)

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Delinquents: Adults (both sexes)—cont'd

STATE PRISON, SAN QUENTIN—cont'd

Receipts and Expenditures—cont'd

——. Table showing total cost of disbursements by commissary for acct. of wash house of state prison from Dec. 15, 1863, to Nov. 1, 1867. (*Same* 1863/5 (p. 45)—*same* 1865/7.)

——. Same; cost of maintaining Cal. state prison from Dec. 15, 1863, to Nov. 1, 1867. (*Same* 1863/5 (pp. 14-20)—*same* 1865/7.)

——. Stmt. of earnings of Cal. state prison from Dec. 15, 1863, to Nov. 1, 1867. (*Same* 1863/5 (pp. 21-23) —*same* 1865/7.)

1863/5-1884. State prison fund; receipts and payments. (Bienn. rept. state treasurer 1863/5 (p. 14)—*same* 1882/4.)

1865. Stmt. showing liabilities and available assets of state prison, Nov. 1. (Bienn. rept. state prison director 1863/5: 34.)

1865-1867. Table showing average cost of sustaining a prisoner with subsistence, clothing, bed, and bedding for one yr. (*Same* 1863/5 (p. 58)—*same* 1865/7.)

——. Stmt. of condition of state prison fund. (A.R. state controller 1864/5 (pp. 86-87)—bienn. rept. *same* 1865/7.)

1865-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for state prison purposes. (*Same* 1863/5 (p. 41)—*same* 1902/4.)

1867-1871. Stmt. of total cash receipts. (Bienn. rept. state prison director 1867/9 (p. 25)—*same* 1869/71.)

——. Stmt. of total cash disbursements, and recapitulation. (*Same* 1867/8 (pp. 26-27)—*same* 1869/71)

——. Table giving cost of prison proper, from Dec. 1, 1867, to Nov. 1, 1871. (*Same* 1867/9 (pp. 15-16)— *same* 1869/71.)

1868-1871. Stmt. giving cost of new bldg. (*Same* 1867/9 (pp. 21-22)—*same* 1869/71.)

1869-1877. Stmt. giving cost of bldg. fund. (*Same* 1869/71 (p. 20)—*same* 1875/7.)

1870-1871. Financial stmt.—school and library fund. (*Same* 1869/71: 63.)

1871-1873. Stmt. showing condition of state prison bldg. fund. (Bienn. rept. state controller 1869/71 (pp. 94-95)—*same* 1871/3.)

1871-1875. General summary of expenses and income, liabilities and available assets. (Bienn. rept. state prison director 1871/3 (pp. 20-23)—*same* 1873/5.)

1871-1882. Clerk's rept. on receipts and disbursements. (*Same* 1871/3 (pp. 19-20)—A.R. *same* 1881/2.)

1873. State prison bldg. fund; receipts and payments. (A.R. state treasurer 1873/5: 29.)

1878-1883. Tabular stmt. showing amts. of money drawn from state treasury for support of prison at San Quentin. (4 A.R. state prison director 1882/3: 6.)

1880-1890. Warden's rept. of financial operations of San Quentin prison for 10 yrs. 1890. 8 pp.
Not seen; entry from Bowker.

1881. Secy's. rept. of state bd. of prison directors of expenditures of office. (2 A.R. state prison director 1880/1: 20.)

1881-1904. Clerk's rept. including tabular stmts. of cash receipts and disbursements, with stmts. of cost for maintenance of prisoners, state prison at San Quentin. (2 *same* 1880/1 (pp. 30-33)—bienn. rept. *same* 1903/4.)

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Delinquents: Adults (both sexes)—cont'd

STATE PRISON, SAN QUENTIN—cont'd

Receipts and Expenditures—cont'd

1882. Warden's rept. giving detailed stmt. of moneys recd. from state treasury, for what purposes recd., and to whom, and for what paid, for yr. endg. June 30. (3 *same* 1881/2: 31-34.)

1884-1886. Stmt. of condition of state prison bldg. fund. (Bienn. rept. state controller 1882/4 (p. 83)—*same* 1884/6.)

1888-1904. Stmt. of condition of San Quentin state prison fund. (*Same* 1886/8 (p. 88)—*same* 1902/4.)

1890/1-1897/8. Table showing pay-roll of officers, guards, and jute mill employes for each yr. (Rept. of committee to make examination of state institutions 1899: 131.)

——. Same; in App. to jols. 33 sess. v. 2.

——. Table showing per capita cost per annum at San Quentin as charged to each item of expenditure. (Rept. of committee to make examination of state institutions 1899: 134.)

——. Same; in App. to jols. 33 sess. v. 2.

1891. Rept. of committee on comns. on manner of expenditures of $10,000 by ex-Gov. Waterman on prison investigations at San Quentin. (Assem. jol. 29 sess. pp. 479-480.)

1896/7-1897/8. Table showing gross and net ann. and per capita per diem cost of maintenance of prisoners at San Quentin. (Rept. of committee to make examination of state institutions 1899: 130.)

——. Same; in App. to jols. 33 sess. v. 2.

Rules and Regulations

1891. Rules and regulations for Cal. state prison at San Quentin, Apr. 1. 23 pp.

Not seen; entry from Bowker. See also above for general Rules and Regulations for both prisons.

Visiting Committee

See above, general group. The earliest of these repts. relate to San Quentin only, as do some of the later repts. It has been thought best to keep the series intact.

Delinquents: Adults (women only)

1871. Recommendation re. erection of prison, within prison walls, for female prisoners, with its entrance through prison walls and no entrance to it from within walls. (Bienn. rept. state prison director 1869/71: 3.)

Delinquents: Minors

PRESTON SCHOOL OF INDUSTRY

serial

Under Act of March 11, 1889

1 series

1889/90-1890/2. Bienn. rept. of secy. of Preston School of Industry, 1 et seq.

In Collected docs. as follows:

1. 1889/90 in App. to jols. 29 sess. v. 2 unnum. doc.

unnum. 1890/2 omitted.

2 series

1892/4-1898/00. Bienn. rept. of bd. of trustees of Preston School of Industry, 1-4.

In Collected docs. as follows:

1. 1892/4 in App. to jols. 31 sess. v. 6 unnum. doc.
2. 1894/6 " " " " 32 " v. 6 doc. [6].
3. 1896/8 " " " " 33 " v. 2 " [2].
4. 1898/00 " " " " 34 " v. 3 " [1].

non-serial

1894. Circular of information, Preston School of Industry. 7 pp.

Not seen; entry from Bowker.

1899. Rept. on examination of reform schools: Preston School of Industry and Whittier School; with tables showing location, acreage, mnftres., cost of land, bldgs., support, etc., of each. (Rept. of committee to examine state institutions 1899: 11-12; 31-32; 143-159.)

——. Same; in App. to jols. 33 sess. v. 2.

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Delinquents: Minors—cont'd

PRESTON SCHOOL OF INDUSTRY—cont'd

non-serial—cont'd

Receipts and Expenditures

1871. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for support of industrial school. (Bienn. rept. state controller 1869/71: 46.)

1892. Summary of cash receipts and disbursements for Preston School of Industry, up to Sept. 1, 1892. (13 A.R. state prison director 1891/2: 74.)

——. Estimate of cost of completion of main administration bldg. of Preston School of Industry. (13 *same* 1891/2: 75.)

1894/5-1897/8. Table showing per capita cost per yr. at Preston School. (Rept. of committee to examine state institutions 1899: 153.)

——. Same; in App. to jols. 33 sess. v. 2.

1896-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for Preston School of Industry. (Bienn. rept. state controller 1894/6 (p. 78)—*same* 1902/4.)

1898-1904. Stmt. of condition of contingent fund, Preston School of Industry. (*Same* 1898/00 (p. 105)—*same* 1902/4.)

Rules and Regulations

1894. Rules and regulations for officers and employes, Preston school of industry. 12 pp.

Not seen; entry from Bowker.

1895. Rept. of sub-committee on retrenchment and public expenditures on affairs of Preston School of Industry at Ione. (Sen. jol. 31 sess. pp. 466-467.)

——. Same; Assem. committee. (Assem. jol. 31 sess. pp. 448-450.)

1897. Rept. of special committee apptd. to investigate condition and wants of Preston School at Ione. (Sen. jol. 32 sess. pp. 466-467.)

1899. Rept. of committee on state prisons and reformatories on Preston School of Industry. (Assem. jol. 33 sess. pp. 1576-1577.)

REFORM SCHOOL, MARYSVILLE

serial

Under Act of April 14, 1859

1 series

1860-1862/3. Ann. rept. of trustees of State Reform School, at Marysville.

In Collected docs. as follows:

1860 in App. to Sen. jol. 12 sess. unnum. doc.
1861 " " " jols. 13 sess. unnum. doc.
1862* " " " " 14 " " "
1862/3 " " " 15 " " "

2 series

1863/5-1865/7. Bienn. rept. of trustees of State Reform School, 1-2.

In Collected docs. as follows:

1. 1863/5 in App. to jols. 16 sess. v. 2 unnum. doc.
2. 1865/7 in App. to jols. 17 sess. v. 1 unnum. doc.

School discontinued.

non-serial

1860. Rept. of comrs. for establishment and erection of a state reform school, Jan., 1860. 9 pp. (App. to Sen. jol. 11 sess. doc. [16].)

1862. Communication from supt. of reform school urging its continuance but condemning the locality, near Marysville. 12 pp. (App. to jols. 13 sess. [doc. 19].)

* For 6 months.

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Delinquents: Minors—cont'd

REFORM SCHOOL, MARYSVILLE—cont'd

non-serial—cont'd

1865-1867. Statistical tables showing numerical state of school, no. inmates previously admitted, causes, from what counties, nativity, age, sex, etc. (1 bienn. rept. trustees reform school 1864/5 (pp. 6-13)—2 *same* 1865/7.)

1868. Testimony re. charges of cruelty practiced on inmates of state reform school at Marysville. 10 pp. (App. to jols. 17 sess. v. 2 [doc. 21].)

1870. Rept. of comrs. apptd. to remove boys from reform school; with a contract betw. comrs. and authorities of Industrial School at S. F. 8 pp. (*Same* 18 sess. v. 2 doc. 10.)

Receipts and Expenditures

1859-1862. Stmt. showing amt. expended for erection of state reform school. (A.R. state controller 1859/60 (p. 15)—*same* 1861/2.)

1861. Stmt. of amt. of mileage due special committee on state reform schools near Marysville and S. F. (Sen. jol. 12 sess. p. 546.)

1861-1867. Financial rept. (A.R. trustees reform school 1861 (pp. 7-8)—bienn. rept. *same* 1865/7.)

1865. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for state reform school. (A.R. state controller 1864/5: 40.)

Visiting Committee

1861. Rept. of jt. select committee on reform school at Marysville. (Sen. jol. 12 sess. pp. 587-593.)

——. Same. 9 pp. (App. to Sen. jol. 12 sess. doc. [16].)

——. Same; minority rept. 6 pp. (App. to Assem. jol. 12 sess. doc. [9].)

1863. Rept. of Assem. committee on state reform school. 4 pp. (App. to jols. 14 sess. unnum. doc.)

1864. Majority rept. of hospital committee on state reform school. (Assem. jol. 15 sess. p. 310.)

——. See also above, serial group at head of Maintenance, Assem. and Sen. committees on hospitals.

1866. Rept. of Assem. special committee apptd. to visit state reform school at Marysville. 5 pp. (App. to jols. 16 sess. v. 3 unnum. doc.)

——. Rept. of Assem. committee on education on state reform school, etc. 4 pp. (*Same* 16 sess. v. 3 unnum. doc.)

——. Same; in Assem. jol. 16 sess. pp. 562-564.

1870. Rept. [unfavorable] of jt. state hospitals committee on adaptability of state reform school bldg. [at Marysville] for other state purposes; also rept. on mngmt. and condition of various institutions receiving aid from state. 8 pp. (App. to jols. 18 sess. v. 2 doc. [33].)

REFORM SCHOOL, WHITTIER

serial

Under Act of March 11, 1889.

1 series

1889/90. Rept. of bd. of trustees of Reform School for Juvenile Offenders, at Whittier, 1.

In Collected docs. as follows:
1. 1889/90 in App. to jols. 29 sess. v. 2 unnum. doc.

2 series

1890/2. Bienn. rept. of trustees of Reform School for Juvenile Offenders.

In Collected docs. as follows:
1890/2 in App. to jols. 30 sess. v. 7 unnum. doc.

3 series

1892/4-1902/4. Bienn. rept. of trustees of Whittier State School.

In Collected docs. as follows:
1892/4 in App. to jols. 31 sess. v. 6 unnum. doc.
1894/6 " " " " 32 " v. 6 " "
1896/8-1902/4 omitted.

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Delinquents: Minors—cont'd

REFORM SCHOOL, WHITTIER—cont'd

non-serial

1888. Establishment of state reform school advised. (13 rept. supt. public instruction 1886/8: 50-51.)

1890. Proceedings and addresses at laying of corner stone of state reform school. 37 pp.

Not seen; entry from Bowker.

1891. Rept. of bd. of health on sanitary survey of state reform school at Whittier and state normal school at Los Angeles. (12 bienn. rept. bd. health 1890/2: 29-30.)

1891-1893. Circulars of information, nos. 1-4; state reform school, Whittier.

Not seen; entry from Bowker.

1892. Comments on Whittier reform school. (Bienn. rept. state controller 1890/2: 37.)

——. Stmt. of work done in shops, garden, and farm. (Bienn. rept. trustees Whittier reform school 1890/2: 26-30.)

1892-1896. Statistical tables giving no. of pupils admitted and dismissed, nativity, from what counties, etc. (*Same* 1890/2 (pp. 9-16)—*same* 1894/6.)

1893. Rept. of special committee apptd. to investigate conduct, mngmt., and needs of reform school for juvenile offenders at Whittier. (Sen. jol. 30 sess. pp. 641-643.)

1897. Veto of act to remove female inmates of Whittier state school to school to be erected in Sta. Clara. (Assem. jol. 32 sess. pp. 1327.)

1901-1902. Tables showing general conditions of Whittier school as to age, term of commitment, parentage of inmates. (11 bienn. rept. labor statistics 1902/4: 106-107.)

Receipts and Expenditures

1889-1892. Total receipts and amts. owing and disbursements and indebtedness incurred from Apr. 1, 1889, to June 30, 1892. (Bienn. rept. trustees reform school for juvenile offenders 1890/2: 5-6.)

1890-1896. Financial stmt. (Rept. *same* 1889/90 (pp. 6-7)—*same* 1894/6.)

1892-1896. Stmt. of condition of special apprns., June 30. (Bienn. rept. *same* 1890/2 (p. 8)—*same* 1894/6.)

1892/3-1897/8. Table showing per capita cost per annum. at Whittier. (Rept. of committee to examine state institutions 1899: 158-159.)

——. Same; in App. to jols. 33 sess. v. 2.

1894-1896. Stmt. giving assets and liabilities July 1. (Bienn. rept. trustees Whittier reform school 1892/4 (pp. 16, 30)—*same* 1894/6.)

——. Abstr. of expenses for 44th and 45th fiscal yrs. (*Same* 1892/4 (pp. 15, 29)—*same* 1894/6.)

1894-1904. Stmt. of condition of Whittier reform school fund. (Bienn. rept. state controller 1892/4 (p. 92)—*same* 1902/4.)

1896-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended, Whittier state school. (*Same* 1894/6 (p. 78)—*same* 1902/4.)

1900-1904. Stmt. of condition of contingent fund, Whittier state school. (*Same* 1898/00 (p. 104)—*same* 1902/4.)

Rules and Regulations

1891. Rules and regulations, state reform school, Whittier. 11 pp. 16°.

Not seen; entry from Bowker.

——. Rept. of Assem. committee on public bldgs. and grounds on reform school at Whittier, etc. (Assem. jol. 29 sess. pp. 468-472.)

MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS—cont'd

Delinquents: Minors—cont'd

REFORM SCHOOL, WHITTIER—cont'd

Rules and Regulations—cont'd

1895. Rept. of sub-committee on state prisons and prison bldgs. upon needs of Whittier state school. (Sen. jol. 31 sess. pp. 350-351.)

——. Rept. of committee on state prisons and reformatories on Whittier state school. (Assem. jol. 31 sess. pp. 301-302.)

1903. Same. (Assem. jol. 35 sess. p. 387.)

Dependents

VETERANS' HOME OF CALIFORNIA

serial

Under Private Management.

1 series

1884/6. Rept. of pres. and other officers of Veterans' Home Assn.

In Collected docs. as follows:
1884/6 in App. to jols. 27 sess. v. 1 unnum. doc.

2 series

1891/2. Rept. of Veterans' Home Assn.

In Collected docs. as follows:
1891/2 in App. to jols. 30 sess. v. 1 unnum. doc.

Under State Management.

"Became a state institution in 1897, with a bd. of directors required to make an ann. rept. to the governor. No repts. of this bd. appear to have been printed before that for 1902/3." (Bowker.) Rept. referred to, viz. 1902/3, not seen by compiler.

non-serial

1897. Rept. of L. H. Brown on the Veterans' Home at Yountville. 13 pp.

Not seen; entry from Bowker.

1899. Rept. on Veterans' Home of Cal. (Rept. of committee to make examination of state institutions 1899: 74-80.)

——. Same; in App. to jols. 33 sess. v. 2.

Receipts and Expenditures

1884-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for support of Veterans' Home. (Bienn. rept. state controller 1882/4 (p. 66)—*same* 1902/4.)

1890-1892. Same; home for soldiers' widows and orphans, etc. (*Same* 1888/90 (p. 74)—*same* 1890/2.)

1891-1898. Table showing members cared for, total employes' pay-roll, and cost per capita, officers' salaries, and cost per capita. (Rept. of committee to make examination of state institutions 1899: 78.)

——. Same; in App. to jols. 33 sess. v. 2.

1894/6-1902. Stmt. showing receipts from U. S., and disbursements thereof under act of Congress of U. S. entitled, "act to provide aid to state or territorial homes for support of disabled soldiers and sailors of U. S.," approved Aug. 28, 1888. (Bienn. rept. state treasurer 1894/6 (p. 53)—*same* 1900/2.)

1900-1904. Stmt. of condition of fund for support and maintenance of Veterans' Home of Cal. (Bienn. rept. state controller 1898/00 (p. 107)—*same* 1902/4.)

1903. Rept. of committee on public bldgs. and grounds on Veterans' Home at Yountville. (Assem. jol. 35 sess. p. 723.)

MANGANESE

Deposits; see Natural Resources. Mineral

MANUAL TRAINING; see EDUCATION

MANUFACTURES; see INDUSTRIES, ETC.

MAPS

Geological; see Natural Resources. Geology

Mineral; see Natural Resources. Mineral

Serial group: Register of Mines.

Railroad; see Railroads

State Map; see Land

Quite a body of criticism of the early state map is noted among the analyses of the co. assessors' repts.; see Taxation.

Tax Districts

1902. See Taxation: State. Assessment, etc.; this date.

Topographical; see Land

MARBLE; see NATURAL RESOURCES. MINERAL

MARIN COUNTY (1850)

Asphaltum in; see Natural Resources. Mineral

Assessors; see Taxation: State

Clay in; see Natural Resources. Mineral

Copper

1892/4-1894/6. See Natural Resources. Mineral. Copper; these dates.

Iron

1892/4-1894/6. See Natural Resources. Mineral. Iron; these dates.

Lawsonite in; see Natural Resources. Mineral

Manganese

1892/4-1894/6. See Natural Resources. Mineral. Manganese; these dates.

Mineral Springs in; see Natural Resources

Mines and Mining

1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.

Natural Gas in; see Natural Resources

Surveyor; see Land

Taxes; see Taxation: County

MARINE HOSPITAL; see MAINTENANCE: STATE

MARINE INSURANCE; see INSURANCE

"MARION," U. S. S.

Expenditures for; see Finance: State. Expenditures

MARIPOSA BIG TREE GROVE; see PARKS: STATE

MARIPOSA COUNTY (1850)

Assessors; see Taxation: State

Bullion Production

1885. See Natural Resources. Mineral. Production; this date.

Geology; see Natural Resources

Gold

1881. See Natural Resources. Mineral. Gold; this date.

1888. See same; this date.

1892-1893. See same; these dates.

1892/4-1894/6. See same; these dates.

Indian Wars; see War Expenditures

Lime in; see Natural Resources. Mineral

Limestone in; see Natural Resources. Mineral

Marble in; see Natural Resources. Mineral

Mines; see Industries, etc. Mines and Mining.

Roads; see that title

Silver

1892-1895. See Natural Resources. Mineral. Silver; these dates.

Surveyor; see Land

MARKETS
Used here in its specific sense. Material relating to markets for Cal. produce is entered under Commerce.
1896. Rept. on establishing a free public fruit market in S. F. (5 bienn. rept. bd. hortic. 1895/6: 72-73.)
1898. Comments on free public market upon water front. (Bienn. rept. harbor comrs. 1896/8: 8-9.)
1900. Memorials and res. adopted by Fruit Growers' Convention re. establishment of free public markets in S. F.; etc. (7 bienn. rept. bd. hortic. 1899/00: 23-25.)
1902. Rept. on S. F. market, recommending that law providing for free market be made effective and provision be made for opening same without delay. (8 *same* 1901/2: 369-370.)
Fish; see Fish and Game

MARRIAGE; see VITAL STATISTICS

MARSHALL MONUMENT; see PUBLIC BUILDINGS, ETC. STATE

MARYSVILLE
Climate; see that title
Rainfall; see Climate
Realty; see Land. Realty
Sewerage; see that title

MEAT
Industry; see Industries, etc.

MENDOCINO COUNTY (1850)
Asphaltum in; see Natural Resources. Mineral
Assessors; see Taxation: State
Coal
1892/4-1894/6. See Natural Resources. Mineral. Coal; these dates.
Copper
1892/4-1894/6. See Natural Resources. Mineral. Copper; these dates.
Forests; see Natural Resources
Gold; see Natural Resources. Mineral. Gold; this date
Horticultural Board; see Agriculture. Horticultural Commissions
Indian Wars; see War Expenditures
Iron
1892/4-1894/6. See Natural Resources. Mineral. Iron; these dates.
Mineral Springs in; see Natural Resources
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Onyx in; see Natural Resources. Mineral
Petroleum in; see Natural Resources. Mineral
Public Buildings; see Public Buildings and Grounds: County
Sandstone in; see Natural Resources. Mineral
Travertine in; see Natural Resources. Mineral

MERCED
Rainfall; see Climate
Temperature; see Climate

MERCED COUNTY (1855)
Artesian Wells; see Natural Resources
Assessors; see Taxation: State
Bullion Production
1885. See Natural Resources. Mineral. Production; this date.

MERCED COUNTY (1855)—cont'd
Coal
1892/4-1894/6. See Natural Resources. Mineral. Coal; these dates.
Gold; see Natural Resources. Mineral
Horticultural Board; see Agriculture. Horticultural Commissions
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Railroad Aid; see Railroads. Public Aid
Silver
1892-1895. See Natural Resources. Mineral. Silver; these dates.
Surveyor; see Land

MERCED LAKE
Fisheries; see Fish and Game

MERCED RIVER; see RIVER CONSERVANCY

MERCURY; see NATURAL RESOURCES. MINERAL. QUICKSILVER

MEXICO
Land Grants; see that title
Production
Gold and Silver; see Natural Resources. Mineral

MICA; see NATURAL RESOURCES. MINERAL

MIDWINTER FAIR
Wine Exhibit; see Industries. Liquor
See also Agriculture. Fairs.

MIGRATION OF POPULATION; see POPULATION

MILITARY EDUCATION; see EDUCATION

MILITARY FUND; see MILITIA. EXPENDITURES

MILITIA
serial
Under Act of April 10, 1850.
1 series
1850-1852. Ann. rept. of q. m. gen.
In Collected docs. as follows:
1850 in Leg. jol. sess. 1851: 607-610.
1851 " App. to Sen. jol. 1852: 516-518.
1852 " " " " " 1853 doc. 4.
2 series
1853/4-1859. Ann. rept. of q. m. gen. and adj. gen.
In Collected docs. as follows:
1853/4 in App. to Assem. jol. 6 sess. doc. 7.
1854/5 " " " " " 7 " " 6.
1854/5 " " " Sen. " 7 " " 6.
1855/6 " " " Assem. " 8 " unnum. doc. [6].
1856/7 " " " " " 9 " " " [3].
1856/7 " " " Sen. " 9 " " " [4].
1857/8 omitted.
1859 in App. to Assem. jol. 11 sess. unnum. doc.
3 series
1861-1864/5. Ann. rept. of adj. gen.
In Collected docs. as follows:
1861 in App. to jols. 13 sess. unnum. doc. [7].
1862 " " " " 14 " " " [8].
1863 " " " " 15 " v. 1 unnum. doc.
1864/5* " " " " 16 " v. 1 " "
4 series
1865/7-1877/9. Bienn. rept. of adj. gen.
In Collected docs. as follows:
1865/7 in App. to jols. 17 sess. v. 1 unnum. doc.
1867/9 " " " " 18 " v. 2 " "
1869/71 " " " " 19 " v. 1 " "
1871/3 " " " " 20 " v. 2 " "
1873/5 " " " " 21 " v. 2 " "
1875/7 " " " " 22 " v. 1 " "
1877/9 " " " " 23 " v. 1 " "

* May 1, 1864-Nov. 30, 1865.

MILITIA—cont'd

serial—cont'd

5 series

1880. Ann. rept. of adj. gen.
In Collected docs. as follows:
1880 in App. to jols. 24 sess. v. 1 unnum. doc.

6 series

1880/2-1902/4. Bienn. rept. of adj. gen.
In Collected docs. as follows:

1880/2	in App. to jols.			25	sess.	v. 1	unnum.	doc.
1882/4	"	"	"	26	"	v. 1	"	"
1884/6	"	"	"	27	"	v. 1	"	"
1886/8	"	"	"	28	"	v. 1	"	"
1888/90	"	"	"	29	"	v. 1	"	"
1890/2	"	"	"	30	"	v. 1	"	"
1892/4	"	"	"	31	"	v. 1	"	"
1894/6	"	"	"	32	"	v. 1	"	"

1896/8 not printed.

1898/00	in App. to jols.			34	sess.	v. 1	doc.	[7].
1900/2	"	"	"	35	"	v. 1	"	[9].

non-serial

1851. Recommendation for unconditional repeal of law providing for organization of militia, and that duties of adj. gen. and q. m. gen. devolve upon secy. of state and treas., resp. (A.R. state comptroller 1850/1: 509.)
Paging from Collected docs.

1852. Suggestion to press Fremont Battalion claim on U. S. (Govs. ann. mess. 1852.)

——. Rept. of the claims committee to whom was referred that portion of Gov. McDougal's mess. re. Fremont or Cal. battalion; recommending that claims of command be paid. (App. to Sen. jol. 3 sess. pp. 554-560.)

1855. Communication from q. m. gen. re. importance of a change in present militia laws. 5 pp. (App. to Assem. jol. 6 sess. doc. [8].)

——. Communication from q. m. gen. and adj. gen. re. expense of maintaining volunteer militia, urging per capita tax upon citizens entitled to do military duty as means of defraying same. (Sen. jol. 1855: 405-407.)

1856. Suggestion to abolish office of q. m. gen. and repeal law imposing military tax. (A.R. state comptroller 1855/6: 5.)

——. Register of militia of state of Cal. v. p. (App. to Sen. jol. 7 sess. doc. 6 pp. 11-26.)

——. Same. (App. to Assem. jol. 7 sess. doc. 6 pp. 11-26.)

1857. Rept. recommending passage of act concerning militia. (Assem. jol. 8 sess. pp. 454-455.)

——. Memorial of military convention asking for passage of a militia law [which will improve organization of volunteers]. 4 pp. (App. to Assem. jol. 10 sess. doc. [10].)

1861. Rept. on condition of militia of state. (Sen. jol. 12 sess. pp. 724-725.)

——. Rept. of Sen. committee on militia and q. m. and adj. gen's. office [list of militia organizations, with inventories, historical notices, etc.; and a condemnation of disorder in q. m. gen's., etc., dept.]. 62 pp. (App. to Sen. jol. 12 sess. doc. [9].)

——. Same. (App. to Assem. jol. 12 sess. doc. [8].)

1863. Comments on military dept.; also suggestion for discontinuance of publishing laws, decrees, regulations, etc., in English and Spanish. (A.R. state controller 1862/3: 8-9.)

1865. Comments on militia; also recommendation that law be so changed as to require cos. where companies are organized to pay rents of their resp. armories; or law be so changed as to require these claims to be audited by state bd. of military auditors and warrants for their payment drawn upon military fund. (*Same* 1864/5: 6.)

1867. Rept. of D. W. C. Thompson on organization and services of "Cal. cavalry battalion." (Rept. of adj. gen. 1865/7: 129-153.)

MILITIA—cont'd

non-serial—cont'd

1885. Rept. on military affairs. (Sen. jol. 26 sess. p. 437.)

1887. Same. (*Same* 27 sess. pp. 373-375.)

Expenditures for

1850-1863. Abstr. of accts. (Rept. adj. gen. 1850 (pp. 734-735)—*same* 1863.)
Paging from Collected docs.

1850/1-1879. Stmt. of operations of military fund. (A. R. state treasurer 1850/1 (pp. 5-14)—*same* 1877/9.)
Paging from Collected docs.

1851. Adj. gen's. stmt. of accts. due for military services, on file Mch. 7. (Legisl. jol. 1851: 734-735.)

1851-1854. Tabular stmt. showing condition of military fund. (A.R. state comptroller 1850/1 (p. 496)—*same* 1853/4.)
Paging from Collected docs.

1857-1861. See Finance: State. Funds. General Fund; these dates.

1858. Adj. gen's. stmt. of amt. of contingents required by state officers for yr. (Sen. jol. 9 sess. p. 298.)

1860-1862. Stmt. showing amt. expended for military purposes. (A.R. state controller 1859/60 (p. 16)—*same* 1861/2.)

1861. Stmt. of condition of military fund, June 30. (*Same* 1860/1: 30-31.)
No returns 1862-1864. Continued in 1865, see below.

1863. Same; military recruiting fund. (*Same* 1862/3: 90-91.)

1863/5-1875. Soldiers' relief interest fund; receipts and payments. (Bienn. rept. state treasurer 1863/5 (p. 13)—*same* 1873/5.)

——. Soldiers' relief fund; receipts and payments. (*Same* 1863/5 (p. 20)—*same* 1873/5.)

——. Soldiers' bounty interest fund; receipts and payments. (*Same* 1863/5 (p. 14)—*same* 1873/5.)

——. Soldiers' bounty fund; receipts and payments. (*Same* 1863/5 (p. 21)—*same* 1873/5.)

1864. Rept. of disbursing officers of 2d brigade, Cal. state militia. 37 pp. (App. to jols. 15 sess. v. 2 unnum. doc.)

1864-1902. Stmt. of apprns. and expenditures. (Bienn. rept. adj. gen. 1864/5 (pp. 22-30)—*same* 1901/2.)

1865. Rept. of disbursing officers of 2d brigade, Cal. militia. 13 pp. (App. to jols. 16 sess. v. 3 unnum. doc.)

——. Comments on soldiers' relief fund. (A.R. state controller 1864/5: 9.)

1865-1869. Stmt. of condition of soldiers' relief fund. (*Same* 1864/5 (pp. 80-81)—bienn. rept. *same* 1867/9.)

1865-1873. Same; soldiers' bounty interest fund. (*Same* 1864/5 (pp. 80-81)—bienn. rept. *same* 1871/3.)

——. Same; soldiers' relief interest fund. (*Same* 1864/5 (pp. 78-79)—bienn. rept. *same* 1871/3.)

——. Same; soldiers' bounty fund. (*Same* 1864/5 (pp. 80-81)—bienn. rept. *same* 1871/3.)

1865-1879. Same; military fund. (*Same* 1864/5 (pp. 82-83)—bienn. rept. *same* 1877/9.)
An earlier return had been made in 1861.

1865-1884. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for military purposes. (*Same* 1864/5 (pp. 39-40)—*same* 1882/4.)

1869. Same; for redemption of soldiers' bounty bonds. (*Same* 1867/9: 59.)

——. Same; for redemption of soldiers' relief bonds. (*Same* 1867/9: 59.)

1870/1. Estimated expenses of National Guard of Cal. for part of 21st, whole of 22d fiscal yrs. endg. June 30, 1871, from Jan. 1, 1870. (Bienn. rept. adj. gen. 1867/9: 107-108.)

MILITIA—cont'd

Expenditures for—cont'd

1873. Stmt. of condition of soldiers' relief fund. (Bienn. rept. state controller 1871/3: 132-133.)

1886-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for expenses of National Guard of Cal. (*Same* 1884/6 (pp. 54-55)—*same* 1902/4.)

1893-1894. Status of funds for pay of troops and furnishing supplies, National Guard. (Bienn. rept. adj. gen. 1898/00: 33-34.)

1899-1902. Stmt. of money recd. and disbursed by adj. gen. (*Same* 1898/00 (p. 35)—*same* 1901/2.)

Laws

1880. Provisions of the codes and general regulations for the govt. of the National Guard. 280 pp. 24°.
Not seen; entry from Bowker.

——. Military laws and regulations; by S. W. Backus.
Not seen; entry from Bowker.

1890. Laws and regulations for the govt. of the National Guard. 471 pp. 24°.
Not seen; entry from Bowker.

1893. Amdmts. to the laws and regulations for the govt. of the National Guard. 42 pp. 24°.
Not seen; entry from Bowker.

1903. Laws relating to the militia, National Guard, and naval militia, Dec. 139 pp. 12°.
Not seen; entry from Bowker.

MILTON

Climate; see that title

MINERAL LAND

National; see Land: National Domain

State; see Land: State

MINERAL PAINT; see NATURAL RESOURCES. MINERAL

MINERALS; see NATURAL RESOURCES

MINERS

License; see that title

MINES

Labor; see that title

MINING

Industry; see Industries, etc. Mines and Mining

MINING BUREAU

For repts. of the state mineralogist see the serial group under Natural Resources. Mineral. For material relative to the history and finances of the Mining Bureau, see the non-serial group under Natural Resources. Mineral.

MINING BUREAU FUND; see NATURAL RESOURCES. MINERAL

MINING COMPANIES

Taxation; see that title

MINNESOTA

Agricultural Education; see Agriculture. Education

MINT; see MONEY. COINAGE

MISSION LANDS; see LAND

MOB VIOLENCE; see RIOTS

MODESTO

Temperature; see Climate

MODOC COUNTY (1878)

Bullion Production

1885. See Natural Resources. Mineral. Production this date.

Forests; see Natural Resources

Gold; see Natural Resources. Mineral

Mineral Springs in; see Natural Resources

Mines and Mining

1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.

MOKELUMNE RIVER; see RIVER CONSERVANCY

MONEY

1886/7. Comments on currency and silver. (A.R. bank comrs. dated Aug. 1887: 15.)

Coinage

MEXICO

1537-1731. Historical table exhibiting coinage of Mexico from establishment of mints in 1537. (6 A.R. state mineralogist 1885/6 pt. 2 (p. 67)—7 *same* 1886/7.)

1872/3-1886/7. Cumulative comparative exhibit of coinage of gold, silver, and copper in Mexico, indicating approximately precious metal product of the country. (6 *same* 1885/6 pt. 2 (p. 66)—7 *same* 1886/7.)

UNITED STATES

1850. Rept. re. importance of apptg. state assayer, in view of evils resulting from lack of uniform standard for regulation of intrinsic value of Cal. gold, same being sold under its value in U. S. mint and thereby encouraging excessive exportation, and individual coining; with suggestion to abolish said office on establishment of branch mint in state. (Legisl. jol. 1849/50: 563-565.)

——. Industry of state severely taxed, and heavy tribute to other parts of world enforced by delay of Congress in establishing mint at S. F. (Govs. ann. mess. 1851.)

——. Majority and minority repts. of committee on res. re. public domain, mineral lands, custom houses, branch of U. S. mint, and certain moneys rightfully belonging to state of Cal. (Legisl. jol. 1849/50: 802-817.)

——. Adoption of measures looking to early establishment of custom houses and branch of U. S. mint urged by committee on res. re. same. (*Same* 1849/50: 813.)

1851-1852. Rept. on need for branch mint, with statistics showing value of gold production and export in 1851 and 1852, and loss to producers as result of difference betw. selling price in real value at U. S. mint, in support thereof. (App. to Sen. jol. 1852: 650-658.)

1852. Trade and industry injured by delay of Congress in establishing branch mint in state, and individual coining encouraged thereby. (Govs. ann. mess. 1852.)

——. Branch mint not yet secured. (Govs. special mess. Jan. 30, 1852.)

——. Rept. of committee on commerce and navigation re. need for branch mint, with statistics showing value of exports in illustration thereof. (App. to Sen. jol. 1852: 650-658.)

Counterfeiting

1850. Rept. of judiciary committee re. prevalence of counterfeiting of coin; urging enactment for suppression of same. (Legisl. jol. 1849/50: 548-550.)

Interest; see that title

MONEY—cont'd
Legal Tender
1863. Majority and minority repts. of special committee apptd. to inquire into conduct of state controller and treasurer in connection with payment in legal tender notes of state's quota of federal direct tax. 22 pp. (App. to jols. 14 sess. unnum. doc.)
——. Rept. of testimony before special committee re. conduct of controller and treasurer in connection with payment in legal tender notes of state's quota of federal direct tax. 82 pp. (*Same* 14 sess. unnum. doc.)
1868. Rept. of Assem. judiciary committee re. "legal tenders"; recommending postponement of bills proposing to nullify them, and establish within Cal. a specie basis only. 5 pp. (*Same* 17 sess. v. 2 [doc. 22].)

MONO COUNTY (1861)
Artesian Wells; see Natural Resources
Bullion Production
1885. See Natural Resources. Mineral. Production; this date.
Clay in; see Natural Resources. Mineral
Gold; see Natural Resources. Mineral
Lime in; see Natural Resources. Mineral
Limestone in; see Natural Resources. Mineral
Marble in; see Natural Resources. Mineral
Mineral Springs in; see Natural Resources
Minerals; see Natural Resources
Mines
1879/80. See Natural Resources. Mineral. Production; this date.
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Mining and Irrigating Canals
1894/6. See Industries, etc. Mining Canals, etc.; these dates.
Onyx in; see Natural Resources. Mineral
Silver; see Natural Resources. Mineral. Silver
Travertine in; see Natural Resources. Mineral

MONTANA
Production
Precious Metals; see Natural Resources. Mineral

MONTEREY
Temperature; see Climate

MONTEREY BAY
Fisheries; see Fish and Game

MONTEREY COUNTY (1850)
Artesian Wells; see Natural Resources
Asphaltum in; see Natural Resources. Mineral
Assessors; see Taxation: State
Coal
1892/4-1894/6. See Natural Resources. Mineral. Coal; these dates.
Forests; see Natural Resources
Geology; see Natural Resources
Gold; see Natural Resources. Mineral. Gold
Horticultural Board; see Agriculture. Horticultural Commissions
Lime in; see Natural Resources. Mineral
Limestone in; see Natural Resources. Mineral
Marble in; see Natural Resources. Mineral

MONTEREY COUNTY (1850)—cont'd
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Mining and Irrigating Canals
1894/6. See Industries, etc. Mining Canals, etc.; these dates.
Natural Gas in; see Natural Resources
Petroleum in; see Natural Resources. Mineral
Quicksilver; see Natural Resources. Mineral. Quicksilver
Sandstone in; see Natural Resources. Mineral

MORTALITY; see VITAL STATISTICS

MORTGAGE TAX; see TAXATION: STATE

MOTHER LODE REGION
Geology; see Natural Resources

MOUNT HAMILTON
Climate; see that title
Rainfall; see Climate
Temperature; see Climate

MULES; see AGRICULTURE. LIVESTOCK

MUSCALLONGE; see FISH AND GAME

MUSEUMS
Natural Resources; see that title

MUTUAL BENEFIT ASSOCIATIONS; see BENEFICIARY ORGANIZATIONS

MUTUAL INSURANCE COMPANIES; see INSURANCE

NAPA
Climate; see that title
Temperature; see Climate

NAPA COUNTY (1850)
Assessors; see Taxation: State
Bullion Production
1885. See Natural Resources. Mineral. Production; this date.
Clay in; see Natural Resources. Mineral
Forests; see Natural Resources
Geology; see Natural Resources
Gold; see Natural Resources. Mineral. Gold
Indian Wars; see War Expenditures
Iron; see Natural Resources. Mineral. Iron
Lime in; see Natural Resources. Mineral
Limestone in; see Natural Resources. Mineral
Magnesite; see Natural Resources. Mineral. Magnesite
Manganese; see Natural Resources. Mineral. Manganese
Marble in; see Natural Resources. Mineral
Mineral Springs; see Natural Resources
Mines
1879/80. See Natural Resources. Mineral. Production; this date.
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Petroleum in; see Natural Resources. Mineral
Quicksilver; see Natural Resources. Mineral
Sandstone in; see Natural Resources. Mineral
Silver; see Natural Resources. Mineral. Silver

NAPA COUNTY (1850)—cont'd

Steatite and Serpentine in; see Natural Resources. Mineral

Surveyor; see Land

Trachyte and Tufa in; see Natural Resources. Mineral

NAPA VALLEY

Wine-making; see Industries, etc. Liquor

NARROW GAUGE RAILROADS; see RAILROADS

NATURAL GAS; see NATURAL RESOURCES

NATURAL RESOURCES

Artesian Wells

See also below, Mineral, the following cos.: Alameda, Contra Costa, Fresno, Glenn, Kern, Los Angeles, Merced, Monterey, Placer, Sacramento, San Joaquin, Solano, Sonoma, Stanislaus, Tulare.

1884. Analyses of artesian waters from San Joaquin Valley. (Biennial rept. agric. college 1882/4: 61-67.)

——. Same. 1 sheet. (Agric. exper. station, bull. 14.)

1885/6. Analyses of artesian waters from various sources. (Biennial rept. agric. college 1885/6: 52-56.)

1886. Record of strata in artesian well drilled for J. B. Haggin, Kern Co. (6 A.R. state mineralogist 1885/6: 56-57.)

1890. Record of strata penetrated by various wells bored in Yolo Co. at various times. (10 *same* 1889/90: 775-790.)

——. Water-flowing wells of San Joaquin Co.—analyses of water and character of strata penetrated; by W. L. Watts. (10 *same* 1889/90: 549-556.)

——. Records of strata penetrated by various wells in flowing well distr. of Sta. Clara Co. (10 *same* 1889/90: 611-616.)

1890-1904. Analyses of artesian waters. (A.R. agric. exper. stations 1890 (pp. 75-82)—*same* 1903/4.)

1894/6. See Industries, etc. Mining Canals, etc.; these dates.

1896. Rept. on mining and irrigating canals, artesian wells, etc., arranged alphabetically by cos. (13 rept. state mineralogist 1894/6: 525-566.)

Alameda, Amador, Butte, Calaveras, Colusa, Contra Costa, El Dorado, Fresno, Glenn, Kern, Kings, Los Angeles, Madera, Merced, Mono, Monterey, Nevada, Placer, Plumas, Sacramento, San Benito, San Diego, San Francisco, San Joaquin, Sta. Barbara, Sta. Clara, Sta. Cruz, Shasta, Solano, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba cos.

1897/8-1903/4. Table giving analyses of artesian well waters, by cos. and localities. (A.R. agric. exper. stations 1897/8 (p. 125)—*same* 1903/4.)

1900. Water development and irrigation from deep wells in Cal.; by A. T. Ames. (Trans. state agric. socy. 1900: 89-95.)

Expenditures for

FORESTS; see below, that title

GEOLOGICAL SURVEY; see below, GEOLOGY

MINERAL CABINET; see below, MUSEUMS

MINING BUREAU; see below, MINERAL. EXPENDITURES, ETC.

Forests

serial

BIENNIAL REPORTS

Under Act of March 3, 1885.

1885/6-1891/2. Biennial rept. of state bd. of forestry, 1-4.

In Collected docs. as follows:

1. 1885/6 in App. to jols. 27 sess. v. 4 unnum. doc.
2. 1887/8 " " " " 28 " v. 5 " "
3. 1889/90 " " " " 29 " v. 6 " "
4. 1891/2 " " " " 30 " v. 1 " "

No more issued; bd. discontinued. A new "Dept. of Forestry" has since been created under act of March 18, 1905. Upon the abolition of the old bd. the active forestry work was undertaken by the agric. experiment stations see below, among the non-serial matter, "experiment stations," under dates, 1893/4-1903/4.

NATURAL RESOURCES—cont'd

Forests—cont'd

serial—cont'd

BULLETINS

1888-1889. Bulls. nos. 1-6.

Checklist

no. 1. Tree planting; care of seedling trees. 1888. 7 pp.
Also in Rept. state bd. forestry 1887/8: 17-19.

no. 2. [Concerning nursery at Santa Monica.] (Rept. state bd. forestry 1887/8: 19.)

no. 3. [List of trees and prices at Santa Monica station.] (Rept. state bd. forestry 1887/8: 20-21.)

nos. 4-5. Not found.

no. 6. Rept. on the growth of some species of eucalyptus in Southern Cal., 1889. (3 biennial rept. forestry bd. 1889/90: 63-66.)

Too recently to be included in this index, a series of "Circulars" has been begun.

non-serial

1865. Trees and shrubbery of state; by botanist to agric. bd. (Trans. state agric. socy. 1864/5: 146-163.)

1867. Legislation to give sanction, aid, and direction to individual enterprise in cultivation of forest and shade trees suggested. (*Same* 1866/7: 13-14.)

——. The destruction of forests and cultivation of shade trees, act of last sess. to encourage planting and cultivation of shade and fruit trees upon public roads, and comment on same; kinds of trees to plant. (*Same* 1866/7: 495-500.)

1871. Scarcity of hard timber in state has operated to retard mnftre. of wagons, carriages, and agric. machinery; recommendation that liberal apprn. be made for artificial forest culture. (*Same* 1870/1: 21-22.)

——. Tree planting; evergreen tree culture in state. (*Same* 1870/1: 435-439.)

1875. Forest culture as a prophylactic to miasmatic diseases. (3 biennial rept. bd. health 1874/5: 151-156.)

In its local application.

1878. Pacific coast woodlands; tables of surveyed lands, by cos.; varieties of timber, etc. (Trans. state agric. socy. 1877: 141-149.)

1887. Text of circular sent out to lumbermen and millmen. (2 biennial rept. forestry bd. 1887/8: 15.)

——. Text of instructions to sub-agts. (2 *same* 1887/8: 14-15.)

——. Text of circulars sent out to co. bds. of trade and co. sheriffs asking co-operation agst. forest depredation. (2 *same* 1887/8: 16.)

1882. Forest trees of Cal.; by A. Kellogg. (2 rept. state mineralogist 1880/2 app. pp. 1-116.)

——. Lumber and fuel in state considered with reference to mining interests; drafts already made on timber preserves; coast co. forests, flumes, sawmills. (2 *same* 1880/2: 202-216.)

1884. Rept. of Lake Bigler forestry comn. to Gov. Stoneman re. threatened destruction of forests around Lake Bigler, and its proposed reservation by the U. S.; facts about general forest denudation of Cal., and its effects, are given, and need of a forestry comn. is urged. 15 pp. (App. to jols. 26 sess. v. 5 doc. [9].)

1885-1888. Paper on forests and fruit growers; discussion—recommendation that legislative action be taken on subject of forest protection. (Biennial rept. bd. hortic. 1885/6 (pp. 118-128)—*same* 1886/8.)

1885/6. Discussion of merits of various economic trees and plants of Cal. (Biennial rept. agric. college 1885/6: 108-130.)

1886. Suggested variety of trees to be planted in various parts of state. (1 biennial rept. forestry bd. 1885/6: 5-7.)

NATURAL RESOURCES—cont'd

Forests—cont'd

non-serial—cont'd

1886. Suggestion for sending out of bulls. for purpose of giving information and of educating people in forestry, so that they will know how to utilize forest lands owned by them to best advantage; also desire to make more complete collections of seeds of native growth. (1 *same* 1885/6: 7.)

——. Remarks on general character of Coast Range; topographical and hydrographical features; necessity of, and facilities for, irrigation; summary enumeration of the zones of tree growth. (1 *same* 1885/6: 131-133.)

——. Explanatory catalogue of a few forest trees and shrubs for culture. (1 *same* 1885/6: 57-124.)

——. Tree culture experiments made by Southern Pacific R.R. Co. (1 *same* 1885/6: 227-229.)

——. Trees of Coast Range other than redwood; quantity of standing timber other than redwood; the present resource; the prospective cut; the Douglas spruce; yellow pine; sugar pine; cedars; menzies spruce, firs, oaks, misc. woods. (1 *same* 1885/6: 161-188.)

——. Causes and results of forest destruction; notes on agric. capacity of lands of coast range; probable extent of clearing of forests, forest fires; incipient signs of climatic change; effect of present laws upon forests. (1 *same* 1885/6: 191-211.)

——. Suggested that bd. introduce Cal. woods into more general use; determine their value, and make study of treatment which they require; disseminate knowledge acquired, for which purpose bulls. may be issued, etc. (1 *same* 1885/6: 210-211.)

——. Prominent points in forestry laws that other states have adopted. (1 *same* 1885/6: 12-14.)

——. Suggested that measures be gradually introduced which should regard large interests at stake with view to improving methods of utilizing mountain pastures. (1 *same* 1885/6: 8.)

——. Rept. of engr. of forestry bd. re. Coast Range, and summary enumeration of zones of tree growth, redwood belt and its resources; and quantity of standing timber other than redwood; also causes and results of forest destruction. (1 *same* 1885/6: 125-222.)

——. Table showing no. of trees growing in 1886. (A.R. equalization bd. 1885/6: 77-78.)

——. The operation of existing laws upon our forests; their influence upon the lumber producing industry. (1 bienn. rept. forestry bd. 1885/6: 206-209.)

——. Examples of forest destruction; by A. Kinney. (1 *same* 1885/6: 27-37.)

Forest fires in Soledad and Tujunga cañons and consequent floods; and instances of forest destruction in other parts of U. S. and in foreign countries.

——. A study of the incipient climatic change notable in Humboldt Co.; the influence of redwood forests upon the flow of streams. (1 *same* 1885/6: 202-206.)

1886-1888. Circular letter sent out through state, designed to create a greater interest in forestry, and impress upon minds of people the vital importance of subject. (1 *same* 1885/6 (p. 4)—2 *same* 1887/8.)

1887. Tree planting; by O. S. Chapin. (Bienn. rept. bd. hortic. 1885/6: 542-549.)

Reprint in ann. rept. of 1889.

1887-1888. Table showing total no. of timber entries. (2 bienn. rept. forestry bd. 1887/8: 6.)

——. Rept. of engr. of state bd. of forestry; Sierra forests as producers of lumber; forest fires; description of cos. (2 *same* 1887/8: 141-173.)

1888. Suggestions for forest planting in Cal.; by Wm. S. Lyon, head forester. (2 *same* 1887/8: 31-36.)

NATURAL RESOURCES—cont'd

Forests—cont'd

non-serial—cont'd

1888. Rept. of special agt. apptd. to investigate all cases of alleged timber cutting and forest fires. (2 *same* 1887/8: 45-50.)

——. Memorial of forestry bd. to 50th Congress of the U. S. 13 pp.

Not seen; entry from Bowker.

——. Same. (3 bienn. rept. forestry bd. 1889/90: 67-72.)

——. Rept. of former head forester, T. H. Douglas. (2 *same* 1887/8: 37-41.)

Possibility of forest denudation; comments on various kinds of forest trees valuable for planting in Cal.

1889. Res. adopted favoring establishment of national forestry system, protective tariff on fruits imported from Italy, and petitioning that Amer. consuls be directed to obtain information re. fruits of various foreign countries; also re. fruit pests, and that agt. be sent to Australia to collect and export parasites to this country. (A.R. bd. hortic. 1889: 382-383; 462.)

——. List of trees and shrubs in Univ. grounds and orchards, and fruit trees and varieties of grapes at the different stations; also herbaceous plants. (Bienn. rept. agric. exper. stations 1888/9: 172-202.)

1890. Forest culture; summary of what is being done in forestry in Cal., and of conditions which make a national forestry system essential. (A.R. bd. hortic. 1890: 141-149.)

——. Tabular stmt. re. rearing of different trees from seeds. (*Same* 1891 foldg. table.)

1890-1891/2. Rept. of trees planted on Mount Hamilton. (A.R. agric. exper. stations 1890 (p. 267)—*same* 1891/2.)

1891. Destruction of forests and reforestation of the country. (A.R. bd. hortic. 1891: 399-405.)

1892. Trees suitable for alkali lands. (4 bienn. rept. forestry bd. 1890/2: 33-37.)

——. Statistician's rept. (F. M. Campbell). (4 *same* 1890/2: 48-54.)

First rept.; general statistics of U. S. at large and foreign countries; timber resources of Humboldt and Fresno cos.

——. Paper on "What is Forestry"? by B. E. Fernow. (4 *same* 1891/2: 62-81.)

——. Native shrubs of Cal.; by E. L. Greene. (A.R. agric. exper. stations 1891/2: 157-166.)

1893. Australian arboriculture in Cal. (Trans. state agric. socy. 1893: 125-132.)

——. Forest conservation—paper and discussion. (4 bienn. rept. bd. hortic. 1893/4: 326-330.)

——. Recommendation for discontinuing state bd. of forestry for and distributing work of bd. among agric. exper. stations and fish and game comn. (Govs. mess. 1893: 11.)

1895. Timber physics in Cal.—instructions for collection of test pieces of Pacific coast timbers; results of investigation of Humboldt redwood; seasoning of timber; tables giving specific gravity and comparative strength of different species of Amer. and foreign commercial woods; history of science of timber physics. (A.R. agric. exper. stations 1894/5: 291-303.)

1896. Tree-planting along roads to be aided and encouraged by local authorities. (Bienn. rept. bureau highways 1895/6: 34.)

1897. Shade trees for region around S. F. Bay. (Bienn. rept. agric. exper. stations 1895/7: 267-269.)

1899. Comment on organization of the Cal. Water and Forest Assn. (Trans. state agric. socy. 1899: 33-34.)

1900. Paper on forests and irrigation. (7 bienn. rept. bd. hortic. 1899/00: 137-143.)

NATURAL RESOURCES—cont'd

Forests—cont'd

non-serial—cont'd

1901. Petition of Native Daughters of the Golden West re. protection of Cal. forests. (Sen. jol. 34 sess. p. 272.)

1902. Forests of Cal. (8 bienn. rept. bd. hortic. 1901/2: 381-390.)

1904. Co-operative work—state and govt. along lines of topography, hydrography, forestry, and water distribution. (A.R. bd. examiners dated 1904: 14-52.)

ALPINE COUNTY

1886. Alpine Co.; reply of co. clerk to 9 inquiries sent out by bd. of forestry re. forest conditions. (1 bienn. rept. forestry bd. 1885/6: 14.)

AMADOR COUNTY

1886. Rept. on forests of Amador, Calaveras, Tuolumne, and Mariposa cos.; by L. Wagoner. (1 bienn. rept. forestry bd. 1885/6: 39-44.)

1888. Amador Co.; timber resources. (2 *same* 1887/8: 172.)

——. See also below, Yuba County; this date.

BUTTE COUNTY

1888. Butte Co.; timber resources. (2 bienn. rept. forestry bd. 1887/8: 166-168.)

——. See also below, Plumas County; this date.

CALAVERAS COUNTY

1886. See above, Amador County; this date.

1888. Calaveras Co.; rept. of sub-agt. (2 bienn. rept. forestry bd. 1887/8: 24.)

Forest fires and depredations.

DEL NORTE COUNTY

1886. See below, Sonoma County; this date.

EL DORADO COUNTY

1886. El Dorado Co.; data recd. in reply to 9 inquiries sent out by bd. of forestry. (1 bienn. rept. forestry bd. 1885/6: 15.)

1888. Same; timber resources. (2 *same* 1887/8: 173.)

——. See also below, Yuba County; this date.

FRESNO COUNTY

1892. Timber resources and lumbering operations of Fresno Co. (4 bienn. rept. forestry bd. 1890/2: 52-53.)

HUMBOLDT COUNTY

1886. See below, Sonoma County; this date.

1888. Humboldt Co.; rept. of sub-agt. (2 bienn. rept. forestry bd. 1887/8: 25-26.)

1892. Timber resources and lumbering operations of Humboldt Co. (4 *same* 1890/2: 51-52.)

LASSEN COUNTY

1888. Lassen Co.; timber resources. (2 bienn. rept. forestry bd. 1887/8: 163-164.)

——. Forest map of Lassen Co.; scale, 8 m. = 1 in. (2 *same* 1887/8 facing p. 182.)

LOS ANGELES COUNTY

1886. Rept. on forests of Los Angeles, San Bernardino, and San Diego cos.; by A. Kinney. (1 bienn. rept. forestry bd. 1885/6: 23-27.)

MARIPOSA COUNTY

1886. See above, Amador County; this date.

MENDOCINO COUNTY

1886. See below, Sonoma County; this date.

MODOC COUNTY

1888. Modoc Co.; timber resources. (2 bienn. rept. forestry bd. 1887/8: 162.)

——. Forest map of Modoc Co.; scale, 8 m. = 1 in. (2 *same* 1887/8 facing p. 182.)

MONTEREY COUNTY

1886. Monterery Co.; data recd. in reply to 9 inquiries sent out by bd. of forestry. (1 bienn. rept. forestry bd. 1885/6: 15-16.)

NATURAL RESOURCES—cont'd

Forests—cont'd

NAPA COUNTY

1886. Napa Co.; data recd. in reply to 9 inquiries sent out by bd. of forestry. (1 bienn. rept. forestry bd. 1885/6: 16.)

NEVADA COUNTY

1888. Nevada Co.; timber resources. (2 bienn. rept. forestry bd. 1887/8: 171-172.)

——. See also below, Yuba County; this date.

PLACER COUNTY

1886. Placer Co.; reply from co. clerk to 9 inquiries sent out by forestry bd. re. forestry conditions. (1 bienn. rept. forestry bd. 1885/6: 16-17.)

1888. Same; timber resources. (2 *same* 1887/8: 169-171.)

——. See also below, Yuba County; this date.

PLUMAS COUNTY

1888. Plumas Co.; rept. of sub-agt. (2 bienn. rept. forestry bd. 1887/8: 23-24.)

Destruction of govt. timber; timber wealth of co.; legislation recommended.

——. Same; timber resources. (2 *same* 1887/8: 164-165.)

——. Forest map of Plumas and Butte cos.; scale 8 m. = 1 in. (2 *same* 1887/8 facing p. 182.)

SAN BERNARDINO COUNTY

1886. See above, Los Angeles County; this date.

1888. San Bernardino Co.; rept. of sub-agt. (2 bienn. rept. forestry bd. 1887/8: 25.)

Method of fire prevention.

SAN DIEGO COUNTY

1886. Rept. on trees and shrubs of San Diego Co.; by C. R. Orcutt. (1 bienn. rept. forestry bd. 1885/6: 47-51.)

——. San Diego Co.; data recd. in reply to 9 inquiries sent out by forestry bd. re. forest conditions. (1 *same* 1885/6: 19.)

——. See also above, Los Angeles County; this date.

1888. San Diego Co.; rept. of sub-agt. (2 *same* 1887/8: 21-22.)

Forest fires; vineyards; timber culture claims.

SAN JOAQUIN COUNTY

1886. San Joaquin Co.; reply from co. clerk to 9 inquiries sent out by forestry bd. re. forestry conditions. (1 bienn. rept. forestry bd. 1885/6: 17.)

SANTA BARBARA COUNTY

1886. Sta. Barbara Co.; reply from co. clerk to 9 inquiries sent out by forestry bd. re. forest conditions. (1 bienn. rept. forestry bd. 1885/6: 18-19.)

SANTA CRUZ COUNTY

1886. Sta. Cruz Co.; data recd. in reply to 9 inquiries sent out by forestry bd. re. forest conditions. (1 bienn. rept. forestry bd. 1885/6: 17-18.)

SHASTA COUNTY

1888. Shasta Co.; timber resources. (2 bienn. rept. forestry bd. 1887/8: 165-166.)

——. Forest map of Shasta Co.; scale, 8 m. = 1 in. (2 *same* 1887/8 facing p. 182.)

SIERRA COUNTY

1888. Sierra Co.; timber resources. (2 bienn. rept. forestry bd. 1887/8: 171.)

——. See also below, Yuba County; this date.

SISKIYOU COUNTY

1888. Siskiyou Co.; timber resources. (2 bienn. rept. forestry bd. 1887/8: 160-162.)

——. Forest map of Siskiyou Co.; scale, 8 m. = 1 in. (2 *same* 1887/8 facing p. 182.)

SONOMA COUNTY

1886. Sonoma Co.; data recd. in reply to 9 inquiries sent out by forestry bd. re. forest conditions. (1 bienn. rept. forestry bd. 1885/6: 19.)

NATURAL RESOURCES—cont'd

Forests—cont'd

SONOMA COUNTY—cont'd

1886. Table showing approximate estimate of timber and cord wood (other than redwood) for Sonoma, Mendocino, Humboldt, Del Norte, and Trinity Cos. (1 *same* 1885/6 facing p. 161.)

TEHAMA COUNTY

1888. Tehama Co.; water and timber resources. (2 bienn. rept. forestry bd. 1887/8: 168-169.)

TRINITY COUNTY

1886. See above; Sonoma County; this date.

TULARE COUNTY

1890. See Natural Resources. Mineral. Tulare County; this date.

TUOLUMNE COUNTY

1886. Tuolumne Co.; rept. of sub-agt. (2 bienn. rept. forestry bd. 1887/8: 25.)

——. See also above, Amador County; this date.

VENTURA COUNTY

1886. Ventura Co.; data recd. in reply to 9 inquiries sent out by forestry bd. re. forest conditions. (1 bienn. rept. forestry bd. 1885/6: 19-20.)

YUBA COUNTY

1888. Forest map of Yuba, Sierra, Nevada, Placer, El Dorado, and Amador cos. (2 bienn. rept. forestry bd. 1887/8 facing p. 182.)

ARBOR DAY

1886. Arbor Day bill: act to encourage tree planting within state; text of act to be offered. (1 bienn. rept. forestry bd. 1885/6: 223.)

——. Arbor Day; comment. (1 *same* 1885/6: 20-21.)

1888. Recommendation for a legally apptd. Arbor Day. (13 rept. supt. public instruction 1886/8: 53.)
Repeated in 1888/90.

1890. Arbor Day circulars. (14 *same* 1888/90: 193-198.)

BOUNTY

1870. Stmts. of applicants for premium of $50 offered for largest quantity of useful forest trees planted during yr. (Trans. state agric. socy. 1870/1: 132-135.)

CONIFERÆ

See also below, Pines; Redwood.

1890. Rept. of botanist (J. G. Lemmon). (3 bienn. rept. 1889/90: 73-210.)
Second rept. Treats exclusively of the coniferæ; accompanied by 30 plates. First rept. dealt with Pines.

EUCALYPTUS

1886. Forest trees for profit; by M. Thomas; red gum vs. blue gum. (1 bienn. rept. forestry bd. 1885/6: 55-56.)

1890. Rept. on growth of some species of eucalyptus in Southern Cal. (State forestry bd., bull. 6.)

——. Same. (3 bienn. rept. forestry bd. 1889/90: 63-66.)

——. Notes on the genus eucalyptus. (3 *same* 1889/90: 25-31.)

EXPENDITURES FOR

1885-1893. Cost of state bd. of forestry; expenditures from apprns. made by state, and cost of prtg. (A. R. bd. examiners dated 1895: 68.)

1885/6-1892. Financial rept. of secy. of state bd. of forestry. (1 bienn. rept. forestry bd. 1886 (p. 21) —4 *same* 1890/2.)

1886. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for Lake Bigler Forestry Comn. (Bienn. rept. state controller 1884/6: 57-58.)

1888-1894. Same; for forestry comn. (*Same* 1886/8 (p. 51)—*same* 1892/4.)

1892. Exhibits showing deficiencies for 42d and 43d yrs. (4 bienn. rept. forestry bd. 1891/2: 12-13.)

NATURAL RESOURCES—cont'd

Forests—cont'd

EXPERIMENT STATIONS

1888. Comments on exper. stations established for tree planting and circulars sent out to lumbermen and millmen, etc. (2 bienn. rept. forestry bd. 1887/8: 15-17.)

1890. Rept. on condition of exper. station at Sta. Monica. (3 *same* 1889/90: 17-24.)

——. Rept. on Chico exper. station, with list of such species as are now growing at this station. (3 *same* 1889/90: 48-50.)

——. Rept. of head forester, W. S. Lyon. Condition of exper. station at Sta. Monica. (3 *same* 1888/90: 18-24.)

1892. Rept. of work at Chico and Sta. Monica stations. (4 *same* 1890/2: 26-32.)

1893/4-1903/4. Rept. of forestry stations—Sta. Monica and Chico. (Bienn. rept. agric. exper. stations 1892/4 (pp. 425-432)—A.R. *same* 1903/4.)

1896/7-1898/9. Forestry finances and history of Chico forestry sub-station. (A.R. agric. exper. stations 1897/8: 328-329.)

FOREST FIRES

1886. Forest fires; general remarks. (1 bienn. rept. forestry bd. 1885/6: 197-201.)

——. Suggestion for assistance of special officers who can be sent into mts. to secure evidence agst. firesetters. (1 *same* 1885/6: 5.)

——. See above, general group; this date.

1888. Suggestion that sec. 384 of penal code re. forest fires be amended. (2 bienn. rept. forestry bd. 1887/8: 50.)

——. Forest fires; general remarks. (2 *same* 1887/8: 153-156.)

——. See also above, general group; this date.

1890. Suggestion that state take measures to induce federal govt. to station at Wawona and another convenient point two cos. of cavalry to patrol the mts., expel shepherds, and other incendiary visitors who are ann. guilty of forest arson in mts. (Bienn. rept. Yosemite Valley and Big Tree Grove comrs. 1889/90: 27.)

——. Forest fires; recommendation to increase stringency of laws; Cal. fire warden service. (3 bienn. rept. forestry bd. 1888/90: 9-10.)

——. Protection from fire; comment and recommendations. (4 *same* 1890/2: 8-10.)

——. Forest fires; general comment; with text of proposed bill for creation of fire wardens. (4 *same* 1890/2: 23-25.)

LAWS

1888. Act to create state bd. of forestry, and to provide for expenses thereof. (1 bienn. rept. forestry bd. 1887/8 (p. 4)—4 *same* 1891/2.)

1888-1892. Act to enlarge powers of state bd. of forestry, to provide for expenses of said bd. (1 *same* 1887/8 (p. 4)—4 *same* 1891/2.)

1892. Bill to provide for establishment, protection, and administration of public forest reservations and for other purposes. (4 *same* 1891/2: 55-61.)

OAKS

1887. The oaks of Berkeley and some of their insect inhabitants; by J. J. Rivers, curator of the Museum. 12 pp.

1903. The live oaks of the Univ. of Cal. campus; by W. L. Jepson. (Univ. Chronicle v. 6: 179-185.)

PINES

1886. The sugar-pine; its peculiar development in Del Norte Co. (1 bienn. rept. forestry bd. 1885/6: 216-217.)

NATURAL RESOURCES—cont'd

Forests—cont'd

PINES—cont'd

1888. Rept. of botanist of Cal. state bd. of forestry (J. G. Lemmon). (2 *same* 1887/8: 53-140.)
First rept. confined to Pines of the Pacific slope, particularly those of Cal.; accompanied by 24 plates. Second rept. deals with Coniferæ.

1890. Comments on the "Cluster Pine" in Cal. (3 *same* 1889/90: 32-35.)

REDWOOD

See also Parks for material relating to the Mariposa Big Tree Grove.

1860-1885. Table embodying past record of production for various parts of belt; showing consumption of redwood lumber by S. F. markets, and shipments to foreign ports. (1 bienn. rept. forestry bd. 1885/6: 146.)

1881-1885. Table showing total estimate consumption of redwood lumber for 5 yrs. (1 *same* 1885/6: 145.)

1886. The redwood: description of the belt; its extent and character; estimate of redwood resource and redwood cut; efficiency of redwood logging and mnftre., as an art; the reproductive capacity of redwood. (1 *same* 1885/6: 137-157.)

——. Estimate of standing redwood in Del Norte, Humboldt, Mendocino, and Sonoma cos. (1 *same* 1885/6: 143.)

——. Note on the vitality of the redwood tree. (1 *same* 1885/6: 18.)

1890. Forestry; redwoods; by F. H. Clark. (A.R. bd. hortic. 1891: 324-329.)

1892. Destruction of Sequoia groves. (4 bienn. rept. forestry bd. 1890/2: 22-23.)
The volume from which this analytical is made, contains, also, several plates showing the destruction of the giant redwoods.

RESERVATIONS

1892. Forest reservations; federal measures, especially the Paddock bill. (4 bienn. rept. forestry bd. 1890/2: 5-8; 20-22.)

1896-1904. Stmt. of forest reservations, giving locality, estimated area, and name of reservation. (Bienn. rept. surveyor gen. 1894/6 (p. 15)—*same* 1902/4.)
No rept. 1898/00.

SEQUOIA; see above, REDWOOD

WATTLES

1890. Comments on wattles and wattle-planting in Cal. (3 bienn. rept. forestry bd. 1889/90: 36-47.)

Geology

ISTHMUS OF PANAMA

1901. Geology of central portion of Isthmus of Panama; by Oscar H. Hershey. (Bull. dept. geol. Univ. Cal. 1896-1902 v. 2: [231]-267.)

CALIFORNIA

serial

ANTE-STATE SURVEYS

Before the publication of the Trask surveys, noted below, the results of private exploration and travel as well as of explorations conducted under the auspices of the U. S. War Department, had begun to advertise the mineralogy and geology of California. A synopsis of the publications of these surveys is given in the history of the geological surveys of the state noted below in the non-serial group under dates of 1838-1880.

STATE SURVEYS

1 series

Trask Surveys

By jt. res. of March 5, 1853, Dr. John B. Trask was called upon for such information as he might possess, relative to the geology of the state.

1853. Rept. on the geology of the Sierra Nevada or Cal. Range; by J. B. Trask. 30 pp.
2000 copies printed. Reviewed in Mining Magazine 1853 v. 1: 6-23.

NATURAL RESOURCES—cont'd

Geology—cont'd

CALIFORNIA—cont'd

serial—cont'd

STATE SURVEYS—cont'd

1 series—cont'd

Trask Surveys—cont'd

1854. Rept. on the geology of the Coast Mts., and part of the Sierra Nevada: embracing their industrial resources in agric. and mining; by Dr. J. B. Trask. 95 pp.

1855. Rept. on the geology of the Coast Mts.; embracing their agric. resources and mineral productions; also portions of the middle and no. mining distrs.; by Dr. J. B. Trask. 93 pp., 1 l.

1856. Rept. on the geology of no. and so. Cal., embracing mineral and agric. resources of those secs.; with statistics of the no., so., and middle mines. 68 pp.

In Collected docs. as follows:

1853	in	App.	to	Sen.	jol.	4	sess.	doc. 59.
1854	"	"	"	"	"	5	"	" 9.
"	"	"	"	Assem.	"	5	"	" 9.
1855	"	"	"	"	"	6	"	" 14.
"	"	"	"	Sen.	"	6	"	" 14.
1856	"	"	"	"	"	7	"	" 14.

2 series

Whitney Surveys

Under Act of April 21, 1860.

PROGRESS REPORTS

1861-1873. Ann. rept. [or letter] of progress made by state geologist.

Checklist

1861 Letter of state geologist, etc., dated Dec. 7 pp.
1862 Ann. rept. of state geologist. 12 pp.
1863 " " " " " 7 pp.
1863/4 Letter of state geologist, etc. 14 pp.
1866/7 " " " " " 15 pp.
1869 Rept. " " " " 7 pp.
1870/1 Letter " " " " 13 pp.
1872/3 Stmt. of progress of geol. survey. 14 pp.

In Collected docs. as follows:

1861 Letter dated Apr. in Sen. jol. 12 sess. pp. 555-556.
1861 Letter dated Dec. in App. to jols. 13 sess. doc. [13].

1862	in	App.	to	jols.	14	sess.	doc.	[10].
1863	"	"	"	"	15	"	v. 1 doc.	[10].
1863/4	"	"	"	"	16	"	v. 3 "	[6].
1866/7	"	"	"	"	17	"	v. 1 "	[8].
1869	"	"	"	"	18	"	v. 2 "	[5].

1870/1-1872/3 omitted.

FINAL PUBLICATIONS

Checklist

Geology.
v. 1. Rept. of progress and synopsis of the fieldwork from 1860 to 1864. Philadelphia, 1865. xxvii, 498 pp. pls. illus. 4°.
No more issued.

Botany.
v. 1. Polypetalæ, by W. H. Brewer and S. Watson; Gamopetalæ, by A. Gray. University Press, Cambridge, 1870. xx, 628 pp. 4°.
v. 2. By S. Watson. ib. 1880. 559 pp. 4°.

Ornithology.
v. 1. Land Birds. Ed. by S. F. Baird from notes by J. G. Cooper. University Press, Cambridge, 1870. xi, 592 pp. illus. 4°.
No more issued. For further ornithological material gathered in this survey see Harvard Univ. Museum of Comparative Zoology. Memoirs, v. 12.

Palæontology.
v. 1. Carboniferous and jurassic fossils; by F. B. Meek; Triassic and cretaceous fossils, by W. M. Gabb. Philadelphia, 1864. xx, 243 pp. pls. 4°.
v. 2. Cretaceous and tertiary fossils; by W. M. Gabb. Philadelphia, 1869. xiv, 299 pp. pls. 4°.

Contributions to American Geology.
v. 1. The auriferous gravels of the Sierra Nevada of California; by J. D. Whitney. Cambridge, Univ. Press, 1879. viii, 1-288, xiv (1), 289-569 pp. pls. 4°.

NATURAL RESOURCES—cont'd

Geology—cont'd

CALIFORNIA—cont'd

serial—cont'd

STATE SURVEYS—cont'd

2 series—cont'd

Whitney Surveys—cont'd

COMMITTEE ON MINES AND MINING INTERESTS

1862-1867. Rept. of committee [apptd. to investigate and rept.] upon progress of geological survey.

In Collected docs. as follows:

1862	Assem.	in App. to jols.	14	sess.	doc.	[24].	4 pp.
1862	Sen.	"	"	"	14	"	"	[23].	5 pp.
1864	Assem.	"	"	"	"	15	"	v. 2 unnum.	doc.	5 pp.
1865	"	"	"	"	"	16	"	v. 3	"	"	7 pp.
1867	"	"	"	"	"	17	"	v. 2	"	"	5 pp.

non-serial

1838-1880. History of geological surveys of state. (4 A.R. state mineralogist 1883/4: 21-27.)

1840-1889. Brief summary of status of past surveys, necessity for more methodical and systematic work, scope of present survey, extent of completed work, etc.; by H. I. Willey, engr. (9 *same* 1888/9: 40-45.)

1851. Rept. on need for geological survey, reviewing benefits of same, and transmitting bill providing therefor. (Legisl. jol. 1851: 1689-1702.)

1852. Comments on geological survey of state. (A.R. surveyor gen. 1852: 16.)

——. Establishment of geological survey urged. (Govs. ann. mess. 1852.)

——. Rept. of committee on jt. res. to Congress re. need for geological survey, showing arguments for inducing Congress to make same. (App. to Sen. jol. 1852: 659-665.)

1853. Rept. of public expenditures committee favoring Sen. bill compensating J. B. Trask for his rept. on geology of mineral distrs. and enabling him to prosecute still further examinations in Coast Range and other distrs. 5 pp. (App. to Assem. jol. 4 sess. doc. 56.)

1856. Geology of the state; comments on Trask surveys; recommendation that state cabinet be made integral part of surveyor's office. (A.R. surveyor gen. 1856: 26-28.)

1861. Address re. geology delivered before legisl., Mch. 12, by J. D. Whitney. 50 pp.

Not seen; entry from Bowker. Referred to in Whitney's Lecture of 1862, as his inaugural lecture.

1862. Same; delivered Feb. 27. 27 pp. (App. to jols. 13 sess. doc. [13].)

——. Same; another ed. 33 pp.

1863. Lecture on geology, delivered before legisl. of Cal., Mch. 19; by J. D. Whitney. 17 pp. (App. to jols. 14 sess. unnum. doc.)

1868. Address on propriety of continuing geological survey, delivered before the legisl. in Jan.; by J. D. Whitney. 23 pp.

Not seen; entry from Bibliogr. of geol. of Cal.; Vogdes. 1904 ed.

1874. Rept. of jt. committee on geological survey of state. 12 pp. (App. to jols. 20 sess. v. 5 [doc. 16].)

1880-1882. Prospective importance of great alkaline lakes in state. (1 A.R. state mineralogist 1880 (p. 41)—*same* 1880/2.)

1881. Contributions to the geology and mineralogy of Cal.; by Wm. P. Blake. 15 pp. (State mining bureau unnum. pubn.)

Contains descr. of new mineral localities.

1882. Remarks on general geology; historical review of localities and production of gold in the various countries of world where found; comments on gold yield of world. (2 rept. state mineralogist 1880/2: 159-192.)

——. Contribution to ethnology and geology of Pacific slope; by P. Harvey. (2 *same* 1880/2: 271-280.)

NATURAL RESOURCES—cont'd

Geology—cont'd

CALIFORNIA—cont'd

non-serial—cont'd

1882. The dead rivers of Cal. considered geologically; extent of system; mining camp and localities along same; Table Mts. under which are buried best example of a fully perfected dead river. (2 *same* 1880/2 app. pp. 134-149.)

1886. Apprn. of several thousand dollars towards publication of state geological map suggested. (6 *same* 1885/6 pt. 1: 7-8.)

1887. Catalogue of Cal. fossils; compiled by J. G. Cooper. (7 *same* 1886/7: 223-308.)

1889. Synopsis of history of geological surveys in Cal.; by H. I. Willey. (9 *same* 1889: 42-43.)

1890. Need of a geological survey of state. (10 *same* 1889/90: 19-21.)

1890/2. Geological synopsis of results of investigations for biennial period. (11 *same* 1890/2: 22-23.)

1893. Eruptive rocks of Point Bonita; by F. L. Ransome. (Bull. dept. geol. Univ. Cal. v. 1: [71]-113.)

1894. Geomorphogeny of coast of no. Cal.; by A. C. Lawson. (*Same* v. 1: [241]-271.)

1896. Great Valley of Cal., criticism of theory of isostasy; by F. L. Ransome. (*Same* v. 1: [371]-428.)

——. Geology of Point Sal; by H. W. Fairbanks. (*Same* v. 2: [1]-91.)

——. Geological survey needed—scope of same. (13 rept. state mineralogist 1894/6: 21-33.)

1899. Geology of Point Reyes Peninsula; by F. M. Anderson. (Bull. dept. geol. Univ. Cal. v. 2: [119]-153.)

1900. Topographic study of islands of Southern Cal.; by W. S. T. Smith. (*Same* v. 2: [179]-230.)

1901. Contribution to geology of John Day Basin; by J. C. Merriam. (*Same* v. 2: [269]-314.)

——. Berkeley Hills, detail of coast range geology; by A. C. Lawson and C. Palache. (*Same* v. 2: [349]-450.)

1902. Igneous rocks near Pajaro; by J. A. Reid. (*Same* v. 3: [173]-190.)

[1903.] Geomorphogeny of Upper Kern Basin; by A. C. Lawson. (*Same* v. 3: [291]-376.)

1904. River terraces of Orleans Basin, Cal.; by O. H. Hershey. (*Same* v. 3: [423]-475.)

AMADOR COUNTY

See below, Mother Lode Region.

ANGEL ISLAND

1894. Geology of Angel Is.; by F. L. Ransome. (Bull. dept. geol. Univ. Cal. v. 1: [193]-[234].)

CALAVERAS COUNTY

See also below, Mother Lode Region.

1854. Remarks on the geology of portion of Calaveras Co.; by Wm. Patton. (A.R. surveyor gen. 1854: 86-88.)

1894. Ancient channel systems of Calaveras Co.; by W. H. Storms. 13 pp., fig.

——. Same. (12 rept. state mineralogist 1892/4: 482-492.)

CARMELO BAY

[1893.] Geology of Carmelo Bay; by A. C. Lawson; with chemical analysis and co-operation in field-work by Juan De La C. Posada. (Bull. dept. geol. Univ. Cal. v. 1: [1]-59.)

CHANNEL ISLANDS

1889. Stray notes on geology of Channel Islands; insular flora—tabulated list of known flora; by Dr. L. G. Yates. (9 A.R. state mineralogist 1888/9: 171-188.)

COLORADO DESERT

See below, San Diego Co.

COLUSA COUNTY

See below, Tehama Co.

NATURAL RESOURCES—cont'd

Geology—cont'd

CALIFORNIA—cont'd

EL DORADO COUNTY

See also below, Mother Lode Region.

1894. Geology of sec. of El Dorado Co., embracing portions of Pekin, Azra, Green Valley, Pilot Knob, and Mud Springs distrs.; by H. W. Fairbanks. (12 rept. state mineralogist 1892/4: 479-481.)

LAKE COUNTY

See below, Tehama Co.

MADERA COUNTY

See below, Mother Lode Region.

MARIPOSA COUNTY

See below, Mother Lode Region.

MONTEREY COUNTY

See below, Ventura Co.

MOTHER LODE REGION

1890. Geology of the Mother Lode region; by H. W. Fairbanks; with map. (10 A.R. state mineralogist 1889/90: 23-90.)

1894. Geology of portion of Madera and Mariposa cos. where the great "Mother Lode" finds its so. termination; by W. H. Storms. (12 *same* 1892/4: 165-167.)

1896. Geological map of Mother Lode belt in El Dorado Co. (13 *same* 1894/6.)

Compiled by H. Lahiff, U. S. depy. mineral surveyor, Placer Co. Scale 1 in. = 1 m.

——. Ore-deposits with especial reference to Mother Lode; by H. W. Fairbanks. (13 *same* 1894/6: 665-672.)

——. Geological map of the Mother Lode region. Prepared in 1890 by H. W. Fairbanks. Reissued with additions, Jan. 1. Scale, 1 in. = 1 m. 33⅝ x 24 in. (State mining bureau.)

1900. The Mother Lode region of Cal.; by W. H. Storms. 154 pp., illus., map. (State mining bureau bull. 18.)

——. Same. (App. to jols. 34 sess. v. 3 doc. [8].)

Contains: General geology of the gold belt; methods of mining; cost of mining; mining machinery; descriptions of mines of Amador, El Dorado, Calaveras, Tuolumne, Mariposa, and Madera cos.

NAPA COUNTY

See below, Tehama co.

NEVADA COUNTY

1890. Geological map of Nevada Co. (10 A.R. state mineralogist 1889/90 facing p. 364.)

ORANGE COUNTY

See below, San Diego Co.

PLACER COUNTY

1890. Geological map of Placer Co.; profile and secs. along line of Central Pacific R.R. and from Colfax east to state line; plate showing sedimentary formation near Lincoln; map of Ophir and Duncan Hill mining distrs.; also of Iowa Hill distr. (10 A.R. state mineralogist 1889/90.)

——. Ancient river beds of Forest Hill Divide—details of principal mines, descriptive tabulation, table of altitudes, maps; by R. E. Browne, M. E. (10 *same* 1889/90: 435-465.)

SAN BENITO COUNTY

See below, Ventura Co.

SAN BERNARDINO COUNTY

See below, San Diego Co.

SAN DIEGO COUNTY

1892. Geology of San Diego Co.; also portions of Orange and San Bernardino cos.; by H. W. Fairbanks; with map. (11 rept. state mineralogist 1890/2: 76-120.)

1901. Reconnoissance of the Colo. desert mining distr., in San Diego Co.; by S. Bowers. 19 pp. (State mining bureau unnum. pubn.)

NATURAL RESOURCES—cont'd

Geology—cont'd

CALIFORNIA—cont'd

SAN LUIS OBISPO COUNTY

See below, Ventura Co.

SAN NICOLAUS ISLANDS

1889. Rept. on field work in San Nicolaus Is.—its zoölogy and geology. (9 A.R. state mineralogist 1888/9: 57-61.)

SANTA BARBARA COUNTY

See below, Ventura Co.

SANTA CATALINA ISLAND

1890. Geology of Sta. Catalina Is., Los Angeles Co.; by E. B. Preston; with relief map. (10 A.R. state mineralogist 1889/90: 277-281.)

SHASTA COUNTY

1892. Geology and mineralogy of Shasta Co.; by H. W. Fairbanks; with map. (11 rept. state mineralogist 1890/2: 24-53.)

TEHAMA COUNTY

1892. Notes on geology and mineralogy of portions of Tehama, Colusa, Lake, and Napa cos.; by H. W. Fairbanks. (11 rept. state mineralogist 1890/2: 54-75.)

TRINITY COUNTY

1890. Geological map of Trinity Co. (10 A.R. state mineralogist 1889/90 facing p. 695.)

TUOLUMNE COUNTY

See above, Mother Lode Region.

VENTURA COUNTY

1894. Geology of no. Ventura, Sta. Barbara, San Luis Obispo, Monterey, and San Benito cos.; by H. W. Fairbanks. (12 rept. state mineralogist 1892/4: 493-526.)

——. Same; separate. 36 pp., figs.

GEORGIA

1885. Geology and mineral resources of Ga.; extract from Augusta Chronicle. (A.R. state mineralogist 1884/5: 137-139.)

BIBLIOGRAPHY

1896. Bibliography relating to the geology, palæontology, and mineral resources of Cal.; by A. W. Vogdes. 121 pp. (State mining bureau bull. 10.)

1904. Same. 290 pp., 1 map. (*Same*, bull. 30.)

EXPENDITURES FOR

1860-1865. Classified stmt. of expenditures of state geological survey from Nov. 1, 1860, to Dec. 31, 1865. (Rept. of Assem. committee on mines and mining interests 1865: 5-6.)

Rept. may be found in App. to jols. 16 sess. v. 3.

1865-1871. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for geological survey of state. (Bienn. rept. state controller 1863/5 (pp. 40-41)—*same* 1869/71.)

1866. Rept. of Assem. committee on mines and mining interests re. state geological survey, with classified stmt. of expenditures from Nov. 15, 1860, to Dec. 31, 1865. 7 pp. (App. to jols. 16 sess. v. 3 unnum. doc.)

MAPS

Too general to be arranged by locality. For geological maps of a specific region, see above.

1867(?). Map of a portion of the Sierra Nevada adjacent to the Yosemite Valley, from surveys made by C. T. Hoffmann and J. T. Gardiner, 1863-1867. Scale, 2 m. = 1 in. (Geol. survey.)

Not seen; entry from Prime.

1873. Topographical map of central Cal., together with a part of Nev., etc. Scale, 6 m. = 1 in. 25 x 50 in. (*Same.*)

NATURAL RESOURCES—cont'd

Geology—cont'd

Maps—cont'd

HONDURAS

1883. The Honduras exhibit at Cal. state museum. (3 A.R. state mineralogist 1882/3: 17-18.)

IDAHO

1882. The lost rivers and ice caverns of Idaho. (2 rept. state mineralogist 1880/2 app. p. 146.)

Mineral

See also Industries, etc. Mines and Mining; do. Land: State. Mineral.

1849-1892. Dissertation upon origin, development, and establishment of Amer. mining law; by A. H. Ricketts. (11 rept. state mineralogist 1890/2: 521-574.)

1889. Processes of refining and coining of precious metals; by Sven Gumbinner. (9 *same* 1888/9: 62-104.)

1896. Creation of dept. of mines in U. S. govt. favored. (13 *same* 1894/6: 23-24.)

CALIFORNIA

serial

Under Act of April 16, 1880, and amendatory acts.

REPORTS

1 series

1880. Ann. rept. of state mineralogist. unnum. Sacramento, 1880. 43 pp.

Covers period from June 1 to Dec. 1, 1880.

In Collected docs. as follows:

unnum. 1880 in App. to jols. 24 sess. v. 2 unnum. doc.

2 series

1880/2. Rept. of the state mineralogist, 2. Sacramento, 1882. 288, 226 pp., map, 4 photogrs.

Covers period from Dec. 1, 1880 to Oct. 1, 1882. "The index to this rept. was published separately" (Vogdes. Bibliogr. ed. 1904: 24). Index referred to not seen by compiler.

In Collected docs. as follows:

2. 1880/2 in App. to jols. 25 sess. v. 3 unnum. doc.

3 series

1882/3-1889/90. Ann. rept. of the state mineralogist, 3-10. Sacramento, 1883-1890.

Checklist

3. 1882/3.		1883.	111 pp., map.
4. 1883/4.		1884.	410 pp., 2 pls.
5. 1884/5.		1885.	235 pp., 1 pl., 4 sections.
6. 1885/6.	pt. 1.	1886.	145 pp., sketch map.
6. 1885/6.	pt. 2.	1887.	222 pp., illus.
7. 1886/7.		1888.	315 pp.
8. 1887/8.		1888.	348 pp.
9. 1888/9.		1890.	352 pp., 34 pls.
10. 1889/90.		1890.	981 pp., maps, pls.

In Collected docs. as follows:

3. 1882/3	in App. to jols.		26	sess.	v. 4	unnum.	doc.
4. 1883/4	"	"	"	"	26	"	v. 4	"	"
5. 1884/5	"	"	"	"	27	"	v. 4	"	"
6. 1885/6	"	"	"	"	27	"	v. 4	"	"
7. 1886/7	"	"	"	"	28	"	v. 4	"	"
8. 1887/8	"	"	"	"	28	"	v. 4	"	"
9. 1888/9	"	"	"	"	29	"	v. 4	"	"
10. 1889/90	"	"	"	"	29	"	v. 5	"	"

4 series

1890/2-1894/6. Bienn. rept. of the state mineralogist for period endg. Sept. 15, 1-3. Sacramento, 1893-1896.

Checklist

11. 1 bienn.	1890/2.*	1892.	28 pp.	
11. 1 "	1890/2.*	1893.	612 pp.	
12. 2 "	1892/4.	1894.	541 pp., maps, illus.	
13. 3 "	1894/6.	1896.	725 pp., maps, illus.	

* The explanation of these two editions is set out at length in the first pages of the 612 p. ed. In brief it is that the original rept. as submitted to the bd. of examiners was so voluminous that the bd. declined to allow the printing of it, but printed only the rept. of the trustees of the mining bureau and the introduction to the rept. by the state mineralogist (1892. 28 pp.). Upon the mineralogists' rept. having been subsequently much reduced by editing and contraction, it was printed (1893. 612 pp.).

NATURAL RESOURCES—cont'd

Mineral—cont'd

CALIFORNIA—cont'd

serial—cont'd

REPORTS—cont'd

4 series—cont'd

Checklist—cont'd

In Collected docs. as follows:

11. 1 bienn. 1890/2† in App. to jols. 30 sess. v. 9 unnum. doc.

12. 2 bienn. 1892/4 in App. to jols. 31 sess. v. 5 unnum. doc.

13. 3 bienn. 1894/6 in App. to jols. 32 sess. v. 5 doc. [1].

5 series

1896/00-1900/2. Rept. of the trustees of the state mining bureau. Sacramento, 1901-1902.

Checklist

1896/00. 1900. 15 pp.

Covers period of 4 yrs. ending Sept. 30, 1900.

1900/2. 1902. 5 pp.

It will be seen that for this series the repts. are very brief. The work of the dept. is given to the public in the bulletins.

In Collected docs. as follows:

1896/00 in App. to jols. 34 sess. v. 4 doc. [2].

1900/2 " " " " 35 " v. 2 " [24].

BULLETINS

1888-1904. Bulls. of the Cal. state mining bureau, 1-35.

Checklist

no. 1. Descr. of dessicated human remains in the state mining bureau; by W. Anderson. 1888. 41 pp., illus.

no. 2. Methods of mine timbering; by W. H. Storms. 1894. 58 pp., illus.

——. Same, ed. 2. 1896. 70 pp.

no. 3. Gas and petroleum yielding formations of the central valley of California; by W. L. Watt. 1894. 95 pp., illus., maps.

no. 4. Catalogue of Cal. fossils (pts. 2-5); by Dr. J. G. Cooper. 1894. 65 pp., pl.

Part 1 was published in the 7th ann. rept. of the state mineralogist.

no. 5. The cyanide process, its practical application and economical results; by Dr. A. Sheidel. 1894. 133 pp., illus.

There are several (at least 4) editions of this bulletin. Only one other dated 1894 with 140 pages, has been found recorded.

no. 6. California gold mill practices; by E. B. Preston. 1895. 85 pp., illus.

There are several editions (at least 3) of this bulletin.

no. 7. Table showing by counties the mineral productions of California for the yr. 1894; compiled by C. G. Yale, statistician. 1895. Sheet.

no. 8. Same, for 1895. 1896. Sheet.

no. 9. Wine drainage, pumps, etc.; by H. C. Behr. 1896. 210 pp., illus.

no. 10. Bibliography relating to the geology, palæontology and mineral resources of California; by A. W. Vogdes. 1896. 121 pp.

no. 11. Oil and gas yielding formations of Los Angeles, Ventura, and Santa Barbara counties, pt. 1; by W. L. Watts. 1897. 94 pp., illus., figs.

no. 12. Table showing by counties the mineral productions of California for yr. 1896. 1897. Sheet.

no. 13. Same, for 1897. 1898. Sheet.

no. 14. Same, for 1898. 1899. Sheet.

no. 15. Map of Oil City oil fields, Fresno Co. 1898.

no. 16. The genesis of petroleum and asphaltum in California; by A. S. Cooper. 1899. 89 pp., illus.

no. 17. Table showing by counties the mineral productions of California for 1899. 1900. Sheet.

no. 18. The Mother Lode region of California; by W. H. Storms. 1900. 154 pp., illus.

no. 19. Oil and gas yielding formations of California; by W. L. Watts. 1900. 236 pp., map, illus.

no. 20. Synopsis of general rept. by W. L. Watts, 1901. 21 pp.

no. 21. Table showing by counties the mineral productions of California for 1900. 1901. Sheet.

no. 22. Table showing the mineral productions of California for 14 yrs. 1901. Sheet.

no. 23. The copper resources of California; by L. E. Aubury. 1902. 282 pp., map, illus.

no. 24. The saline deposits of California; by G. E. Bailey. 1902. 216 pp., illus., map.

no. 25. Table showing by cos. the mineral production of California for yr. 1901. 1902. Sheet.

no. 26. Table showing mineral production of California for 15 yrs. 1902. Sheet.

† 28-page edition.

NATURAL RESOURCES—cont'd

Mineral—cont'd

CALIFORNIA—cont'd

serial—cont'd

BULLETINS—cont'd

Checklist—cont'd

no. 27. The quicksilver resources of California; by Wm. Forstner. 1903. 273 pp., illus., maps.

no. 28. Table showing mineral productions of California for 1902. 1903. Sheet.

no. 29. Mineral productions of California for past 16 yrs. 1903. Sheet.

no. 30. Bibliography relating to the geology, palæontology, and mineral resources of California, including a list of maps; by A. W. Vogdes. 1904. 290 pp.

no. 31. Single sheet containing general description of sixty-two representative oil wells, selected from different districts; also commercial analysis of oil produced by each well. [1904.]

no. 32. Production and use of California petroleum. Bull. no. 31 also embodied in this rept. 230 pp. and maps. [1904.]

no. 33. Mineral productions of California during yr. 1903. 1904. Sheet.

no. 34. Mineral productions of California during 17 yrs. 1887-1903. 1904. Sheet.

no. 35. Minerals of California; mineral production of 1903; brief description of work of State Mining Bureau; gold production from 1848-1904, with other statistical information; map of each co., showing railroad and stage lines, together with distances. 1904. 55 pp., maps.

In Collected docs. as follows:

nos. 1-17 not in docs.

no. 18 in App. to jols. 34 sess. 1901 v. 3 unnum. doc.

no. 19 in App. to jols. 34 sess. 1901 v. 3 unnum. doc.

nos. 20-35 not in docs.

MINING STATISTICS

1866. Mining statistics, no. 1.

Checklist

no. 1. Tabular stmt. of condition of auriferous quartz mines and mills in that part of Mariposa and Tuolumne cos. lying betw. Merced and Stanislaus rivers; by A. Remond. 16 pp.

No more issued.

REGISTER OF MINES AND MINERALS

1900-1904. Register of mines and minerals.

These registers are oblong 8° pamphlets, one for each county. They are intended to be used as directories concerning the gold mines (quartz, hydraulic, drift, placer, etc.) as well as mills and arrastras. The essential facts necessary for a general public inquiry into any mine, are given. The form is tabular.

Checklist

1900. Plumas Co. Data collected 1898; by J. A. Edman. 36 pp.

1900. Calaveras Co. Data collected 1899; by W. H. H. Penniman. 50 pp.

1900. Siskiyou Co. Data collected Feb. 1898; by J. M. Davidson. 50 pp.

1900. Siskiyou Co. Data collected Oct. 1898; by W. S. Lowden. 46 pp.

?. Nevada Co. Data collected by C. E. Wren. 18 pp.

1901. Lake Co. Data collected Nov.; by G. Madeira. 14 pp.

1902. Placer Co. Data collected Feb.; by I. H. Parker. 21 pp.

1902. El Dorado Co. Data collected Apr.; by J. F. Armstrong. 32 pp.

Includes also an economic geological map of the co.

1902. Shasta Co. Data collected March; by M. E. Dittmar. 27 pp.

1902. Inyo Co. Data Collected March; by A. V. Davidson. 24 pp.

1902. San Bernardino Co. Data collected July; by G. E. Bailey. 35 pp.

Includes also map of mts. of San Bernardino Co. and list of elevations.

1902. San Diego Co. Data collected Oct.; by I. A. Hubon. 15 pp.

1903. Sierra Co. Data collected June; by G. F. Taylor. 24 pp.

Contains also economic geological map of western half of co.

1903. Tuolumne Co. Data collected July; by R. P. McLaughlin. 24 pp.

Contains also economic geological map of s. w. portion of co. and table of elevations.

NATURAL RESOURCES—cont'd

Mineral—cont'd

CALIFORNIA—cont'd

serial—cont'd

REGISTER OF MINES AND MINERALS—cont'd

Checklist—cont'd

1903. Amador Co. Data collected Aug.; by J. B. Tregloan. 17 pp.

Also economic geological map of west half of co.

1903. Mariposa Co. Data collected Dec.; by E. M. Wilkinson. 19 pp.

Also economic geological map of n. w. portion of co. and list of elevations.

1903. Butte Co. Data collected Dec.; by W. E. Thorne. 13 pp.

Also map of dredging lands adjacent to Feather River, and list of elevations.

1904. Kern Co. Data collected Jan.; by M. Aubury. 37 pp.

Also maps of Kern River, McKittrick, Midway, and Summit oil fields.

non-serial

1850. Mining less profitable, and mechanics and agric. taken up instead as result of same (A.R. comptroller 1850.)

——. Act for better regulation of mines seriously opposed, and revenue collected under same, less than estimated. (Govs. ann. mess. 1851.)

1853. Majority and minority repts. of select committee consisting of one from each mining co. to whom was referred subject of calling miners' state convention by legisl. 7 pp. (App. to Assem. jol. 4 sess. doc. 35.)

1855. Mining extended and facilities for engaging in enlarged operations greatly increased. (Govs. ann. mess. 1856: 15.)

1856. Majority rept. of committee on mines and mining interests re. proposed bill to exempt mining claims from forced sale in certain cases, reviewing objections to same. (Assem. jol. 1856: 713-714.)

1857. Majority rept. on act for better protection of mining interests on Sen. bill 4 re. mode of settling certain questions of right to possession of mining claims. (Sen. jol. 8 sess. pp. 612-613.)

——. Minority rept. of committee on mines and mining interests on Sen. bill 32 to provide for working of mines lying within Spanish or Mexican grants made to private persons prior to treaty of Guadelupe Hidalgo. 8 pp. (App. to Sen. jol. 8 sess. unnum. doc.)

——. Rept. opposing passage of act re. mining partnerships. (Assem. jol. 8 sess. p. 344.)

1863. Mining review for yr. (Trans. state agric. socy. 1863: 176-193.)

1866. Annotated catalogue of principal mineral species hitherto recognized in Cal., and the adjoining states and territories; by W. P. Blake. (*Same* 1864/5: 337-356.)

1867. Titles to mining claims and water rights; by G. Yale. xxiii, 10-452 pp.

Not properly a state doc.

1876/7-1895/7. Analyses of rocks, marls, minerals, etc. (Bienn. rept. agric. college 1876/7 (pp. 53-54)—agric. exper. stations *same* 1895/7.)

After 1897 only lists of minerals recd. for examination given.

1880. List of minerals found on Pacific Coast. (A.R. state mineralogist 1880: 8-9.)

——. Supply of low grade ores in state. (*Same* 1880: 38-39.)

——. Prospecting in Cal. (*Same* 1880: 22-26.)

1880-1882. Mineral localities visited by state mineralogist. (2 rept. *same* 1880/2: 8.)

1882. Rare minerals recently found in state; by W. P. Blake. (2 *same* 1880/2 app. pp. 205-223.)

——. Increasing confidence in mines of Cal. and renewed attention called to mineral interest, to a certain extent neglected during speculative excite-

NATURAL RESOURCES—cont'd
Mineral—cont'd
CALIFORNIA—cont'd
non-serial—cont'd

ment, caused by discovery of Comstock and other mines in Nev. and neighboring states; importance of legitimate mining as source of wealth in state. (2 *same* 1880/2: 13-15.)

1882. Glossary of terms in common use among miners of Cal.; by H. DeGroot, Sr. (2 *same* 1880/2: 280-288.)

1883. Economic considerations; wastefulness and extravagance of mining and metallurgy as practiced in state; set of microscopic slides presented to various institutions showing condition of alluvial gold collected in hydraulic, placer, and drift mining in state, with associate minerals found in "cleaning up" sluices, as described in repts. of state mineralogist; list of localities from which soils were sent for analysis; method of dry washing described; on failure of state to consider importance of minerals other than gold and silver; list of most important economic minerals, designating those found in state. (3 *same* 1882/3: 20-26.)

1884. Catalogue and description of minerals of state as far as known, with special reference to those having economic value; alphabetically arranged. (4 *same* 1883/4: 61-397.)

1885. Act of last legisl. placing mining business on proper basis and insuring its perpetuity and better mngmt. (5 *same* 1884/5: 5-6.)

1886. General condition of mining in state; mining economics. (6 *same* 1885/6 pt. 1: 11-12.)

——. Mineral species known at present time to exist in Cal., revised and corrected, and brought up to date. (6 *same* 1885/6 pt. 1: 91-141.)

1888. Recommendation for apprn. to be expended by mineralogist while in Sacramento to determine and name minerals; to prepare catalogue and carrying same through press, and for labeling and arranging specimens; etc. (A.R. mineral cabinet trustees 1887/8: 6.)

1888/9. Brief review of mining operations in state for yr. (9 A.R. state mineralogist 1888/9: 19-40.)

1889. Value of fossils as indications of important mineral products; by Dr. J. G. Cooper. (9 *same* 1888/9: 284-286.)

——. List of minerals found in state, not heretofore in Museum collection. (9 *same* 1888/9: 46-47.)

——. State quarrying: a new business developing in Cal. (9 *same* 1888/9: 282-283.)

——. What the mining industry has done for Cal. (9 *same* 1888/9: 16-19.)

1890/2. Review of mining operations and conditions in state for bienn. period. (11 *same* 1890/2: 18-22.)

1893. Résumé of mineral industry of Cal. (Trans. state agric. socy. 1893: 156-163.)

1896. The sampling and measurement of ore bodies in mine examinations; by E. B. Kirby. Comstock ore-sampling; by J. S. McGillivray. (13 rept. state mineralogist 1894/6: 679-705.)

1901. Contribution to mineralogy of Cal.; by W. C. Blasdale. (Bull. dept. geol. Univ. Cal. v. 2: [327]-348.)

——. Mineralogical notes; by A. S. Eakle; with chemical analyses; by W. T. Schaller. (*Same* v. 2: [315]-325.)

1902. Contribution to petrography of John Day Basin; by F. C. Calkins. (*Same* v. 3: [109]-172.)

1903. Cal. mines and minerals. 34 pp., illus. obl. 16°. (State mining bureau.)
Not seen; entry from Bowker.

NATURAL RESOURCES—cont'd
Mineral—cont'd
CALIFORNIA—cont'd
non-serial—cont'd

1903(?). Relief and mineral map of Cal. showing topography and approximate locations of principal mineral deposits, together with statistics of mineral production. Scale, 100 m. = 3 in. 38⅛ x 25⅛ in. (*Same.*)

ALAMEDA COUNTY

1888. Alameda Co. (8 A.R. state mineralogist 1887/8: 25-36.)
Topography; petroleum; coal (Livermore Coal Co., Pendarin Coal mine, Livermore Coal Mining Co., Coleman Co.); coal near Haywards; salt (Quigley salt works, Cal. salt works); chromite (Douglas mine, Cedar Mt. claim); bldg. stone (Alta Monte quarry; bldg. stone to west of Livermore Valley; Farwell quarry, sandstone); lime; manganese; mineral springs; Mission San Jose Springs; narrative.

1891/2. Same. (11 *same* 1890/2: 121-138.)
Mineralogical details; manganese; quicksilver; chromite-coal; bldg. stone; rubble rock; Melrose smelting works; Remillard brickyard; wells yielding brackish water, flowing wells, wells which do not flow; water cos. upon eastern side of S. F. Bay; subterranean water supply on eastern side of S. F. Bay; new road up the Arroyo Mocha to San Antonio Valley; by W. L. Watts; field asst.

1903. Minerals from Leona Heights, Alameda Co.; by W. T. Schaller. (Bull. dept. geol. Univ. Cal. v. 3: [191]-217.)

ALPINE COUNTY

1888. Alpine Co. (8 A.R. state mineralogist 1887/8: 36-40.)
Topography, scenery, etc.; mines (gold, silver, copper, lead and iron); "Uncle Billy Rogers" copper mine; Monitor distr.; Mogul distr.; Silver Mt. distr.; Silver King distr.; Hope Valley and Blue Lakes districts.

1890. Same; acct. of survey; by Dr. H. DeGroot, asst. in field. (10 A.R. state mineralogist 1889/90: 96-97.)

AMADOR COUNTY

1888. Amador Co. (8 A.R. state mineralogist 1887/8: 41-115.)
Map of Mother Lode; physical features, timber, etc.; mines, minerals, and mining; climate; mother lode; Plymouth Consolidated Mining Co.; chlorination process in Cal., details of operations in Amador Co.; South Cosmopolitan mine; New London mine; Loyal Lead mine; sulphurets; Gover (method of operation, plates used; developments made during war); Bunker Hill Gold Mine; and method of chlorination used by same; Keystone Consolidated Mining Co.; Kennedy mine; Tailsmine; North Star mine; Lincoln mine; Hector Mining Co.; Sutter Creek Mine and developments; Wildman Mining Co., and its electric plant; and developments; the Oneida Mine; Live Oak Mine; So. Spring Hill stamps, plates, and developments; Moore mine; Zelle mine, plates and developments; Amador Gold mine, developments and proposed improvements; Amador Queen; Mammoth or Nevill's mine; Cleveland, Rancheria, Quartz Mt., Butte Basin Gravel mines; Consolidated Amador Hydraulic Gold Mining and Land Co.; Phoenix Reduction works, Drytown, and Amador Reduction works, Sutter Creek, expense of working and method of sampling; Blue Lakes Water Co.; Arroyo Seco Gravel mine; bldg. and useful stone; diamonds; Newton Copper mine; clay; brown lignite—Lancha Plana; Lancha Plana Coal mine; Stockton Paper Mills Co.; Ione Coal and Iron Co.; mode of occurrence and cost of extraction of coal; Sacramento Ione Coal Co.

1890. Same. (10 *same* 1889/90: 98-123.)
Keystone Consolidated, So. Spring Hill, Tailsman, No. Star, El Dorado, Lincoln, Pioneer, Gravel, Wildman, Amador, Consolidated, Amador Gold, Kennedy, Summit, Zelle, M'Kinney and Crannis, Bell Wether, Volunteer, Hardenburg, Sargent, Murray, Vaughn, Kruger, Amador Queen, Doyle, Oneida, White or Austrian, Clyde, Pioneer, Mechanics, The No. 1 and No. 2, So. Eureka, Golden Eagle, Comet, Bunker Hill, Eclipse, Last Chance, Accident, So. Keystone, M'Intyre, Italian, Drytown Consolidated,

NATURAL RESOURCES—cont'd

Mineral—cont'd

CALIFORNIA—cont'd

AMADOR COUNTY—cont'd

North Gover, Plymouth Consolidated, New London, Yellow Jacket, Wyomea, Illinois, Mammoth, Red Cloud, New Hope, Red Oak, Shakespeare, The "49," Pocahontas, and New York mines described by J. A. Brown, field asst.

1891/2. Same. (11 rept. *same* 1890/2: 139-146.)

Hardenburg or Casco mine; Bell-Wether mine; New York mine; Kennedy mine; Clinton consolidated; Sutter Creek, Wildman; Summit, South Eureka Mining Co.; Hector mine; South Spring Hill property; Keystone mine; Quartz Mt. mine; Gover mine; Bay State mine; by E. B. Preston, E. M. field asst.

1903. [Mineral] map of Amador Co. No scale. 44 x 28⅛ in. (State mining bureau.)

BUTTE COUNTY

1888. Butte Co. (8 A.R. state mineralogist 1887/8: 116-121.)

Physical description; mineral resources; Drift Gravel mines (Bay State mine, Eureka mine, Magalia Consolidated, Oro Fino, Lucretia, Aurora, Indian Spring); Quartz mines; The Big Bend Tunnel

Narrative description of each mine.

1890. Same. (10 *same* 1889/90: 124-146.)

Big Bend Tunnel; Spring Valley hydraulic gold mine; quartz mines and mills (Gold Bank, Keystone, Bullion, Shakespeare, Amer. Eagle, Palo Alto, Rainbow, Gold or Rees Ledge, Gallager and Perkins, Meredith, Golden Eagle, Hazard, Golden Queen, Eureka Consolidated, Index mines, Solano and Napa Mining Co., Peter Wood's, Alki or Parry, Car Placer, Martha Washington and Josephine, Butte Star, Magalia Consolidated, Butte King and Butte Queen mines, Brown Ravine Tunnel Co., So. Fillbrook and Aurora mines); described by J. A. Miner, field asst.

1891/2. Same. (11 rept. *same* 1890/2: 150-165.)

Mining resources; Golden Feather Channel Co. (limited), topography and construction map, illustrations; Golden Gate Channel Mining Co., illustrations; mines in Morris Ravine-Banner mine and others; Golden Banner; Defiant mine; Spring Valley mine; Cherokee Flat gravel mine; Channel of Spring Valley Hydraulic Mining Co.; the Rainbow and Christy; Willard and Red Hall mines; Indian Springs drift gravel mines; Best mine; Woods mine; Oro Fino mine; porphyry Point mines; Perry mine; Badger mine; Gold Bank mine; Golden Queen; Emma-Shakespeare-Sagamore, etc.; American Eagle; Palo Alto; Oregon; Bloomingdale; and Cambria mines; by E. M. Preston, field asst.

——. Valley lands of Butte Co.: water supply; coal; by W. L. Watts, field asst. (11 *same* 1890/2: 165-166.)

1904. [Mineral] map of Butte Co. No scale. 28 x 44 in. (State mining bureau.)

CALAVERAS COUNTY

1888. Calaveras Co. (8 A.R. state mineralogist 1887/8: 121-157.)

Physical features; Utica, Stickles Gold Quartz mines; Suffolk Gold Quartz Mining Co.; M'Creight Mining Co.; Sheep Ranch mine; Esmeralda mine; Ilex Gold Mining Co. (limited); Lockwood mine; Blazing Star and Water Lily mines; Angels Mining Co.; Quaker Gold mine; Buena Vista mine; The Union Gold mine; The Plymouth Rock claim; Mokelumne mine; Calaveras Hydraulic Mining and Water Co.; Angels Chlorination works, Maltman Reduction and Chlorination works; Union Copper mine and the Keystone formation of walls, character of ore, hoisting works, etc.); Penn Chemical works; S. F. Copper Co.; Heckia mine; Iron Ore—Monarch mine; prospect near Valley Springs; sandstone.

Narrative description of each mine.

1890. Same. (10 *same* 1889/90: 147-152.)

Suffolk, Hale, Cloud, German, Illinois, Fellowcraft, Bald Hill, Angels, Gold Cliff, Utica, Lindsey, Lane and Tullock, Leonard and Wyllie, Benson Bros.' Gravel and Lone Star mines; described by J. A. Benson, field asst.

1891/2. Same. (11 rept. *same* 1890/2: 167-178.)

Mining resources; Pine Log mine; Adelaide mine; Calaveras Consolidated Gold Mining Co. (limited); Prince mine; Elipse mine; Gold Hill Mining Co.; Bruner; Tom Hardy—Bald Hill; Cloud; Lindsay;

NATURAL RESOURCES—cont'd

Mineral—cont'd

CALIFORNIA—cont'd

CALAVERAS COUNTY—cont'd

Excelsior; Sheep Ranch; Roddesino, Shenandoah; Agostini co. gravel claim; Rising Star mine; Putnam claim; Last Chance mine; by E. B. Preston, field asst.

1903(?). [Mineral] map of Calaveras Co. No scale. 32½ x 23 in. (State mining bureau.)

COLORADO DESERT

1901. Reconnaissance of the Colo. Desert mining distr.; by S. Bowers. 19 pp. (State mining bureau.)

COLUSA COUNTY

Physical features; Manzanita mine; natural gas; bitumen and coal; aragonite; mercury; sulphur; copper; clays; mineral springs.

1888. Colusa Co. (8 A.R. state mineralogist 1887/8: 157-159.)

1890. Same. (10 *same* 1889/90: 153-164.)

Acct. of survey; by W. A. Goodyear, state geologist and field asst.

1891/2. Same. (11 rept. *same* 1890/2: 179-188.)

Mineral resources; flowing wells; general water supply; salt; mines of Sulphur Creek and vicinity (Rathburn Quicksilver mines, Elgin Quicksilver mine; Clyde gold mine; Keely claim, Manzanita claim, Central mine, Oriental Quicksilver mine, Sulphur Creek Quicksilver mine, Empire mine, The Memory, The Buckeye); sulphur; sulphur near Wilbur Springs; coal; fossiliferous limestone; bldg. stone (The O'Neal and Abbot Quarry); by W. L. Watts, field asst.

CONTRA COSTA COUNTY

1888. Contra Costa Co. (8 A.R. state mineralogist 1887/8: 159-163.)

Physical features; mineral resources; Pittsburg Coal mine; natural gas; pottery clay; limestone; shell marl; metals; bldg. stone; mineral springs, Byron Springs.

Narrative description of each item.

1890. Same. (10 *same* 1889/90: 165.)

Description of mines and mineral resources; by W. A. Goodyear, state geologist and field asst.

1891/2. Same. (11 rept. *same* 1890/2: 189-194.)

Selby Smelting works; Empire Coal mine; Pittsburg Coal mine; water and wells; by W. L. Watts, field asst.

DEL NORTE COUNTY

1888. Del Norte Co. (8 A.R. state mineralogist 1887/8: 163-164.)

Physical features; copper, iron, chrome, plumbago found; placer mining at Gasquet; gold, silver, copper veins at Haynes and Big Flat.

1890. Same. (10 *same* 1889/90: 166-168.)

Physical features; soil and products; dairying; lumber; chrome iron; bldg. stone; copper ore; Crescent mine; by Alex. McGregor, field asst.

1891/2. Same. (11 rept. *same* 1890/2: 195-199.)

Geological features; placer mining; beach mining; quartz mines; copper; quicksilver; coal; bldg. stone; by W. L. Watts, field asst.

EL DORADO COUNTY

1888. El Dorado Co. (8 A.R. rept. state mineralogist 1887/8: 164-202.)

Physical features; mines, mining, etc.; Josephine mine; Union Consolidated Co., Alpine mine; Taylor mine; Rosecrans mine; Vandalia mine; Big Cañon Gold Mining Co.; Gopher and Boulder mine; Dalmatia Gold Mining Co. (limited); Grizzly Flat Distr.; Melton mine; True Consolidated Mining and Milling Co.; Van Hooker, Gross, Eureka and other locations; Consolidation of Rose, Chester, Ida, Oregon, and Oregon Extension mines; Pacific mine; Epley Consolidated; Superior mine; Miller mine; Griffith Consolidated Mining Co.; Manzanita Queen; Oriflamme; Equator Mining Co.; Mathines Creek mine; Church mine; El Dorado Gold Mining and Milling Co.—Shaw mine; Grand Victory mine; Sharp and Boyer mine; Chili Ravine mine; Linden Gravel mine; Rogers Gravel mine; El Dorado Water and Deep Gravel Mining Co.; Park Canal Co.; Cal. Water Co.; slate quarries, Landeker quarry; Chili bar slate quarry; Buck quarry; soapstone, granite, lava, etc.; Zentgraft Gold Quartz mine.

Narrative description of each item.

NATURAL RESOURCES—cont'd

Mineral—cont'd

CALIFORNIA—cont'd

EL DORADO COUNTY—cont'd

1890. Same. (10 *same* 1889/90: 169-182.)
General condition of mining; The Mother Lode, its value as a field for mining operations; Oakland and Central mines; El Dorado; Equator; Superior; Miller, Griffith, Manzanita, Oriflamme and Mathinas Creek mines; Placerville Gold Quartz Mining Co.; Big Sandy mine; Dalmatia mine and mill; Esperanza, Ivanhoe, Argonaut, Lone Jack, Emma and Rosencrans, Taylor, Bona Forsa mines; quartz mining in other parts of El Dorado; seam diggings; drift mining, near Smith's Flat; Georgetown Divide; mines on west porphyry belt; by Dr. H. DeGroot field asst.

1891/2. Same. (11 rept. *same* 1890/2: 200-207.)
Georgetown Divide, description and map; Dalmatia map; Darling mine; topography and geology of Georgetown and vicinity; Jones Hill Diggings; Golden State claim; Taylor mine; Volcanoville, topography and geology; by E. B. Preston, E. M., field asst.

1903(?). [Mineral] map of El Dorado Co. No scale. 38⅛ x 24 in. (State mining bureau.)

FRESNO COUNTY

1888. Fresno Co. (8 bienn. rept. state mineralogist 1887/8: 202-216.)
Physical features; Hildreth Mining distr. containing Abbey, Hanover, Moro and Golconda mines; Sycamore distr. containing Providence mine; Mill Creek distr. containing Sampson, Oro Fino, White Cross mines, and limestone near Dunlap; Big Dry Creek distr. containing Confidence, Monte Cristo mines; Fine Gold Gulch distr. containing Lillie, Zebra, D'or de Quartz Mountain, Last Chance, Texas Flat, County View, Flying Dutchman, Josephine, Crystal Spring mines; Temperance Flat distr. containing Sullivan and Rattlesnake mines; Mount Raymond Mining distr. containing Star mine.
Narrative description of each mine.

1890. Same. (10 A.R. *same* 1889/90: 183-204.)
Physical features; metals and minerals; magnesite, limestone; bituminous coal and lignite; freestone; Fresno Hot Springs; granite for bldg. purposes; petroleum; chromite; iron, Big Dry Creek Mining distr. (Confidence mine and Nieper Copper mine); Hildreth Mining distr. (Abbey and Morrow mines); Potter Ridge Mining distr. (Gambetta, Mountain View, Zebra, Last Chance, Josephine mines); profile of Fresno Co.; by L. P. Goldstone, E. M., field asst.

1891/2. Same. (11 rept. *same* 1890/2: 210-218.)
Mineral resources; flowing wells; shallow wells; minaret iron mines; minaret silver mines; The Fine Gold mines; Thornton Placer mine; Huron mine; Stevenson and Dunkley Placer mines; drift mining of The San Joaquin; Zebra mine; Waterloo Gold Mining Co.; Last Chance mine; Kings River Cañon Copper mine; San Joaquin Valley Coal Co.; Cal. coal mine; irrigation; by W. L. Watts, field asst.

——. North Fork mining distr.; by E. B. Preston, field asst. (*Same* 1890/2: 218-223.)

GLENN COUNTY

1891/2. Glenn Co. (11 rept. state mineralogist 1890/2: 224-226.)
Water, flowing wells, etc.; shallow wells; brine springs and wells; gas or air in wells near Germantown; South Side Irrigation Co.; Central Irrigation Co.; by W. L. Watts, field asst.

HUMBOLDT COUNTY

1888. Humboldt Co. (8 A.R. state mineralogist 1887/8: 216-223.)
Physical features; Gold Bluff Extension; Pioneer Placer mine; Union Gold Bluff Mining Co.; Surgoyne Hydraulic Mining claim; Wass's Hydraulic claim; Low and Brown Sluicing and Hydraulic claim; small claims; Saints Rest claim; Big Bar Hydraulic claim; French Bar Hydraulic claim; Red Cap claim; Two Yoke Bar Hydraulic Mining claim; Saroorana Hydraulic Mining Co.; Ferris Hydraulic Mining Co.'s claim; Orleans Bar properties operated by Orleans Mining Co. (limited); French Hydraulic Placer claim; Markerson Hydraulic Placer Gold Mining Co.; Ucillina Hydraulic mine; Nelson Hydraulic Placer claim; tabular stmt. of gravel mines in operation during water season at Gold Bluff, Klamath River.
Narrative description of all mines and claims, etc.

NATURAL RESOURCES—cont'd

Mineral—cont'd

CALIFORNIA—cont'd

HUMBOLDT COUNTY—cont'd

1890. Same. (10 *same* 1889/90: 205-208.)
Physical features; industries (lumber, dairying, wool-growing, farming, fruits, coal, mining, petroleum and asphaltum); by Alex. McGregor, field asst.

1891/2. Same. (11 rept. *same* 1890/2: 227-232.)
Mineralogical interests; coal, gold and silver; gold sand at the Big Lagoon; beach washing at mouth of Redwood Creek; beach washing at Lower Gold Bluffs; Upper Gold Bluffs; gold washing at Johnson Ranch; by W. L. Watts, field asst.

INYO COUNTY

1888. Inyo Co. (8 A.R. state mineralogist 1887/8: 224-309.)
Geological formation, mines and mining, hist. of Mt. Whitney; Owens Valley earthquake; by W. A. Goodyear, geologist, asst. in field.

1890. Same. (10 *same* 1889/90: 209-218.)
Mines and mining in Argus Range; Panamint distr.; Lookout or Darwin distr.; Defiance and Lucky Jim mines; country about Darwin; Cerro Gordo distr.; Keeler and Owens Lake; Kearsarge distr.; Independence (co. seat and mining center); Alabama distr.; Fish Spring distr.; marble quarries with analysis by W. A. Goodyear; by Dr. H. DeGroot, field asst.

1894. Preliminary rept. on mineral deposits of Inyo, Mono, and Alpine cos.; by H. W. Fairbanks. (12 rept. *same* 1892/4: 472-478.)

1903(?). [Mineral] map of Inyo Co. No scale. 44 x 28 in. (State mining bureau.)

KERN COUNTY

1888. Kern Co.—geological formation and mineral resources; by W. A. Goodyear, field asst. (8 A.R. state mineralogist 1887/8: 309-324.)

1890. Same; physical features; rivers and canals; Posa Creek; minerals; gypsum; oil, antimony; by M. Angel, field asst. (10 *same* 1889/90: 219-226.)

1891/2. Same; sulphur and gypsum; flowing wells; flowing wells in The Mojave; wells which do not flow; gold and silver; metallic antimony; Caliente Creek (silver ore); by W. L. Watts, field asst. (11 rept. *same* 1890/2: 233-238.)

1894. Red Rock, Goler, and Summit mining distrs., in Kern Co.; by H. W. Fairbanks. (12 *same* 1892/4: 456-458.)

——. Same; separate. 5 pp.

1904. [Mineral] map of Kern Co. No scale. 42⅛ x 28⅛ in. (State mining bureau.)

LAKE COUNTY

1888. Lake Co. (8 A.R. state mineralogist 1887/8: 324-329.)
Physical features; mines and minerals; Quicksilver mines (Sulphur Banks, Bradford, Great Western); gold and silver-bearing ores, deposits of copper, borax, sulphur, iron, etc.; borax, chrome iron, sulphur at Clear Lake; natural gas; mineral springs (Adams, Allen, Anderson, Bartlett, Borax, Bonanza, Harbin, Highland, Howard, Mills, Saratoga, Siegler, Soda Bay and Witter springs).
Narrative description of each item.

1890. Same; physical features, geological formation, mineral productions, etc.; by W. A. Goodyear, geologist and field asst. (10 *same* 1889/90: 227-271.)

1891/2. Same; Abbot quicksilver mines; by W. L. Watts, field asst. (11 rept. *same* 1890/2: 239-240.)

1903(?). Mineral map of Lake Co. No scale. 20⅞ x 27¾ in. (State mining bureau.)

LASSEN COUNTY

1888. Lassen Co.—physical features; mines and minerals; Evening Star quartz mine; Golden Eagle quartz mine. (8 A.R. state mineralogist 1887/8: 329-332.)
Narrative description of each item; cost of labor and operating mines.

NATURAL RESOURCES—cont'd

Mineral—cont'd

CALIFORNIA—cont'd

LASSEN COUNTY—cont'd

1889. Rept. on field work in Lassen Co.; by E. B. Preston. (9 *same* 1888/9: 211-213.)

1890. Lassen Co.—physical features, mineral resources; Northern Extension of Golden Gate, Golden Gate, Afterthought, Gray Eagle, Gold Belt, and other mines; by E. B. Preston, E. M., field asst. (10 *same* 1889/90: 272-276.)

1891/2. Same; mining interests; Hayden Mill mining distr.; by E. B. Preston, field asst. (11 *same* 1890/2: 241-242.)

LOS ANGELES COUNTY

1888. Los Angeles Co.—geological formation, experiments with artesian wells and mineral resources; by W. A. Goodyear, field asst. (8 A.R. state mineralogist 1887/8: 335-342.)

1889. Rept. on field work in Los Angeles Co.; by E. B. Preston. (9 *same* 1888/9: 189-210.)

1890. Los Angeles Co.—Sta. Catalina Is.; Lake Salinas; Tujunga Cañon; by E. B. Preston, E. M., field asst. Pico Cañon Old Field, with plates; by E. North. (10 *same* 1889/90: 277-298.)

1891/2. Same; Kelsey mine; Victoria mines; Lordsburg Stampede; Cedar mining distr.; Red Rover; New York mine; veins in the main range; liparites and tufas in the Acton distr.; Alpine mines; placer deposits; bldg. material; by W. H. Watts, field asst. (11 rept. *same* 1890/2: 243-248.)

MARIN COUNTY

1888. Marin Co.—geographical and physical features; beach sand at Tomales Pt. and its auriferous deposits; gold, silver, iron, bldg. stone found in small quantities; brick clay at San Quentin and on shore of San Pablo Bay; narrative. (8 A.R. state mineralogist 1887/8: 342.)

1890. Same; geological formation, mineral productions, etc.; by W. A. Goodyear, geologist and field asst. (10 *same* 1889/90: 299.)

1891/2. Same; mineral resources; water; mineral and thermal springs; El Toro Spring; coal; bldg. stone; basalt rocks; silver and gold; copper, iron, and manganese; plumbago and chromic iron; brick clay; by W. L. Watts, field asst. (11 *same* 1891/2: 249-254.)

MARIPOSA COUNTY

1888. Mariposa Co.—geographical and physical features; mines and mining; quartz mining (Hite, Red Cloud, Mary Harrison, Melvina Group, Hathaway Bondurent, Cranberry); narrative. (8 A.R. state mineralogist 1887/8: 343-349.)

1890. Same; Bear Valley or Malone, Champion, Dairy, Breen, Sebastopol, Triumph, Hayseed and Farmer's Hope, Peregoy and Heiser mines; Mariposa estate mines; by E. M. Preston, field asst. (10 *same* 1889/90: 300-310.)

1903. [Mineral] map of Mariposa Co. No scale. 43⅞ x 27⅞ in. (State mining bureau.)

MENDOCINO COUNTY

1888. Mendocino Co.—geographical and physical features; forest belt; lode and placer auriferous deposits, copper, petroleum, sulphur, salt, etc., in small quantities; mineral springs; narrative. (8 A.R. state mineralogist 1887/8: 349.)

1890. Same; topography; soil; lumber; wool-growing; hops; tan bark; Vichy Springs; Duncan Springs; Orr's Hot Springs; chrome iron; coal; petroleum; clay deposits; bldg. stone; by Alex. McGregor, field asst. (10 *same* 1889/90: 311-314.)

NATURAL RESOURCES—cont'd

Mineral—cont'd

CALIFORNIA—cont'd

MENDOCINO COUNTY—cont'd

1890. Same; topography, geological formation, mineral resources, etc.; by W. A. Goodyear, geologist and field asst. (10 *same* 1889/90: 314-322.)

1891/2. Same; mineral resources; coal; gold and silver; quicksilver; red paint (ferruginous rock); by W. L. Watts, field asst. (11 rept. *same* 1890/2: 255-256.)

MERCED COUNTY

1888. Merced Co.—geographical and physical features; Red Metal, Cincinnati, Woody mines; reduction works; narrative. (8 A.R. state mineralogist 1887/8: 350-351.)

1890. Same; mineral resources, artesian wells, shallow wells, "alkali" water; Turlock Irrigation distr.; gold; inflammable gas; iron, copper, and coal; asbestos; gypsum; pottery clay, brick clay; by W. L. Watts, field asst. (10 *same* 1889/90: 323-331.)

1891/2. Same; mineral resources; water; by W. L. Watts, field asst. (11 *same* 1890/2: 257-258.)

MODOC COUNTY

1888. Modoc Co.—geographical and physical features; mineral resources; narrative. (8 A.R. state mineralogist 1887/8: 352.)

1890. Same; topographical and geological features, indications of mineral belt; by E. B. Preston, field asst. (10 *same* 1889/90: 332-336.)

MONO COUNTY

1888. Mono Co.—geographical and physical features; geological formation; mineral resources; Patterson, Jordan, Keith, Mining Distrs.; Mono Diggings; Dogtown Diggings; Homer, Tioga, Lake, Benton, Bodie distrs.; narrative. (8 A.R. state mineralogist 352-401.)

1890. Same; decline in mining and other interests; Blend Spring, Montgomery, White Peak, Indian, Clover Patch distrs.; Lake mining distr.; Homer distr.; Tioga distr.; placer mining; altitudes and distances in Mono Co.; by Dr. H. DeGroot, field asst. (10 *same* 1889/90: 336-344.)

MONTEREY COUNTY

1888. Monterey Co. (8 A.R. state mineralogist 1887/8: 402-411.)

Geographical and physical features; mineral resources; Stone Cañon Coal mine; coal near Peach Tree; Carmel Coal mines; petroleum; inflammable gas; gold and silver; Los Burros Mining distr. containing Last Chance mine, Cruickshank mill, Mars, Manchester, Grand Pacific, Ophir, Old Man of the Mountains, Melville, Black Crystal, Stone Wall, Brewery, King, Ajax, Scorpion, mines; wood and water supplies for mining in Bodie district; summary for mining characteristics of Los Burros distr.; Rockland Lime and Lumber Co.; Mineral Springs (Tassajara, Little Sur Hot, Slate's Springs); narrative.

1890. Same; topographical features; gas and artesian wells; Carmel Land and Coal Co.; by Myron Angel, field asst. (10 *same* 1889/90: 345-348.)

1891/2. Same; mineral resources; Los Burros gold mines; Manchester mine; Last Chance mine; Queen mine; King mine; by E. B. Preston, field asst. (11 *same* 1890/2: 259-262.)

NAPA COUNTY

1888. Napa Co. (8 A.R. state mineralogist 1887/8: 411-417.)

Geographical and physical features; mines and minerals; Quicksilver mines (Lake Co. and Napa Consolidated Co.); silver mining (The Palisade mine); other metals and minerals, such as gold, iron, clay, building stones, etc.; mineral springs Napa Soda Springs, Ætna Springs, Calistoga-hot saline springs, White Sulphur Springs; narrative.

NATURAL RESOURCES—cont'd

Mineral—cont'd

CALIFORNIA—cont'd

NAPA COUNTY—cont'd

1890. Same; geological formation, topography, mineral resources; volcanic indications; by W. A. Goodyear, geologist and field asst. (10 *same* 1889/90: 349-363.)

NEVADA COUNTY

1888. Nevada Co. (8 A.R. state mineralogist 1887/8: 417-459.)

Geographical and physical features; Nevada City distr. (Providence, Nevada City, Spanish Gold, Union, Champion, North Banner mines, Pioneer Reduction Works, chlorination works of Merrifield mine); Grass Valley distr. (Idaho, Original Empire Gold Quarts, North Star Gold Quarts, Crown Point, Brunswick, Orleans, Green Mountain, Rocky Bar, Omaha Consolidated, Spring Hill mines, Rodgers and Larrimer Mills, Work Your Own Diggings mine); Washington distr. (Yuba, Blue Bell, Grafton, Eagle Bird, Washington, Champion, Spanish mines); Columbia Hill distr. (Delhi, Enterprise mines); Eureka distr. (Gaston Ridge, Rocky Glen, Gambrinus, and Baltic mines); Willow Valley distr. (St. Luis mine); Cañon Creek distr. (Cañon Creek, Blue Jay mines and Chase claim); Canada Hill distr. (Mayflower mine); Meadow Lake distr. (Excelsior mine); Drift Gravel Mines (North Bloomfield, Derbec Drift Gravel, Manzanita, and Last Chance mines); narrative.

1890-1890/2. Same. (10 *same* 1889/90 (pp. 364-398)—11 *same* 1890/2.)

Topography, geological map; minerals and mining (gold, copper, iron, marbles, granite); soil; climate; rainfall; geology; auriferous gravels; Grass Valley distr.; Original Empire mine; Idaho mine; Omaha Consolidated mine; Wisc. mine (with diagr. of Wiltsee's ventilator for mines); No. Star Mine; Gold Hill mine; Hartery mine; W. Y. O. D. mine; New Franklin mine; Brunswick mine; Homeward Bound mine; Ben Franklin mine; Penn. mine; Coe mine; Nevada City distr. (Mountaineer, Champion, No. Banner mines); Washington distr. (Eagle Bird mine, Washington mine); Spenceville distr.; developed water resources of Nevada co.; Milton Mining co.; hydraulic chlorination; descriptive tabulation of stamp mills; by J. B. Hobson, E. M., field asst.

Quarts, hydraulic and drift mining discussed in 11th rept.; individual mines of each distr. described in detail.

1903(?). [Mineral] map of Nevada Co. No scale. 40½ x 23 in. (State mining bureau.)

ORANGE COUNTY

1890. Orange Co.—topography; general geology; water supply; mineral resources (silver, gold, lead, oils, coal, natural gas, sandstone, etc.); by Dr. Stephen Bowers, field asst. (10 A.R. state mineralogist 1889/90: 399-409.)

PLACER COUNTY

See also below, Drift Mining.

1888. Placer Co. (8 A.R. state mineralogist 1887/8: 459-477.)

Geographical and physical features; mining interests; Quarts mines and mills (Auburn distr., Bell, Buttes, St. Lawrence, Rising Sun, Big Oak Tree, and Golden Eagle mines); Newcastle distr. (Kidd and Johnson mine); Drift Gravel mines (Dardanelles, Baker Divide mines, Washington Gravel Mining Co., Mayflower Gravel Mining Co., Breece and Wheeler mine, Pioneer and Lynn mines, Dorer mine and mill, Sheridan, Mountain Gate, Hidden Treasure, Golden River, Hogs Back, Herman, Morning Star, Live Oak Drift mines, Iowa Hill and vicinity, Blue Wing Gravel mine); River Bar and Bed mining; narrative.

1890. Same. (10 *same* 1889/90: 410-434.)

Topography, industries (chiefly mining for gold); geological features; Iowa Hill Mining distr.; Waterhouse and Dorn mine; Drummond quartz mine; Damascus, Last Chance, Deadwood, Gold Run, Dutch Flat, and Ophir mining distrs. (maps of Ophir and Duncan Hill); Hathaway mine; Gold Blossom mine; Eclipse; Minna Risca; Crater Hill Consolidated; Duncan Hill distr.; profile, etc., through Placer Co.; by J. B. Hobson, E. M., asst. in field.

NATURAL RESOURCES—cont'd

Mineral—cont'd

CALIFORNIA—cont'd

PLACER COUNTY—cont'd

1890. Ancient Beds of Forest Hill Divide; by R. E. Brown, M. E. (10 *same* 1889/90: 435-465.)

1891/2. Same; wells of the valley lands; Lincoln pottery; by W. L. Watts, field asst. (11 rept. *same* 1890/2: 319-322.)

1903(?). [Mineral] map of Placer Co. No scale. 34 x 22 in. (State mining bureau.)

PLUMAS COUNTY

1888. Plumas Co. (8 A.R. state mineralogist 1887/8: 476-483.)

Geographical and physical features; mineral wealth; Gold-Bearing Quarts mines (Plumas, Eureka, Green Mountain mines, Plumas Co. Mill and Mining Co., Pacific, Crescent, Little Jamison mines); Drift mines (Glazier mine, Sunny South mine, Dutch Hill Hydraulic mine); narrative.

1890-1890/2. Same. (10 *same* 1889/90 (pp. 466-495)—11 *same* 1890/2.)

Topography; Lucky S.; Crescent; Green Mt., Altoona; Cahalan; Pennsylvania; Indian Valley; Drury and Pacific; Round Valley Consolidated; Blind Lead; and Genesee Valley mines; Elizabethtown Gravel Channel Mining Co.; Bell mine; Old Newtown Flat mine; Hungarian Hill mines; Hawkeye claim; Etna claim; Lost Lead claim; Plumas Eureka mine; Little Jamison mine; Plumas Water and Mining Co.'s property; McGown mine; Edman mine; See and Seren Specimen mine; Pappin mine; Coquette mine; Savercool mine; Glazier mine; by E. B. Preston, field asst.

Granite Basin, Shenandoah, Hallsted quarts, several drift mines, Feather Fork Mining Co., and others added in 1890/2.

1903(?). [Mineral] map of Plumas Co. No scale. 43 x 35½ in. (State mining bureau.)

SACRAMENTO COUNTY

1887/8. Sacramento Co.—topography; mines and minerals; granite, clay; narrative. (8 A.R. state mineralogist 1887/8: 556-557.)

1890. Same. (10 *same* 1889/90: 496-514.)

Decline of mining interests; geological features; water-flowing wells; water supply and surface wells; natural gas; saline wells (Haggin wells); bricks; Ryan Brickyard; Fountain Bros.' Brickyard; Capital sewer pipe works; gold; Rebel Hill mines; sandstone; slate; quarry at Folsom state prison; Folsom Water Power Co.; Folsom Granite Co.; Amer. River Land and Lumber Co.; Natoma Water and Mining Co.; Cosumnes Land and Water Co.; reclaimed lands (locality and cost per acre); by W. L. Watts.

1891/2. Same; water; coal; Folsom Water Power Co.; by W. L. Watts, field asst. (11 rept. *same* 1891/2: 334-336.)

SAN BENITO COUNTY

1888. San Benito Co.—geographical and physical features; quicksilver (New Idria mines); McLeod Mining distr. (Shriver mine, China Diggings); coal; petroleum; lime; copper; gold and silver; chromite; hematite; narrative. (8 A.R. state mineralogist 1887/8: 483-490.)

1890-1891/2. Same; topography; minerals; M'Leod distr. (quicksilver mines); Antimony Mt.; Shriver mine; Ambrose antimony mine; by M. Angel, field asst. (10 *same* 1889/90 (pp. 515-517)—11 rept. *same* 1890/2.)

Co. topography and description of New Idria mine given in 11th rept.; by E. B. Preston, E. M., field asst.

SAN BERNARDINO COUNTY

1888. San Bernardino Co. (8 A.R. state mineralogist 1887/8: 490-512.)

Geographical and physical features; mines, minerals and mining; Calico camp; Waterloo mine; Barber's Mill; Cuba, Silver mine, Hawley mill, Humbug and Bismark mines, Runover co.'s mines, Red Jacket and Silver King mines, Voca, Cleveland and Midnight, M'Shane, Alvord, Comet, and Bullion mines; Daggett, town in center of mining region; Iva-

NATURAL RESOURCES—cont'd

Mineral—cont'd

CALIFORNIA—cont'd

SAN BERNARDINO COUNTY—cont'd

watch Mountain Mining distr.; Morongo mine; timber, land, water, and ranches on the desert; Morango King Gold mines; W. A. Goodyear's acct. of a survey made by him in 1872, with statistical stmt. of ores from Doe mines, Calico, worked in Garfield Mill and output of King Mine, Calico distr.; narrative.

1889. Rept. on field work in San Bernardino Co.; by J. H. Crossman. (9 *same* 1888/9: 214-239.)

1890. San Bernardino Co.—its mt. plains and valleys. (10 *same* 1889/90: 518-539.)

Topography; Mt. San Bernardino; San Jacinto Park; San Gabriel Mts.; Providence Range; Mines and mining; Placer operations, Mill Creek, Bed Spring Mountain and Panacate distrs.; Bear Valley distr.; Holcomb Valley distr.; Black Hawk distr.; Ruby distr.; Monongo distr.; Twenty-nine Palms distr.; Burrough's distr.; Gold and Silver Mining distr.; Silver Mining distr.; Ord distr.; Dry Lake distr.; Lava Bed distr.; Calico distr.; Grapevine distr.; Ivanpah, silver-bearing lodes; Mescal distr.; Trojan distr.; Arrowhead distr.; Needles distr.; Soda Lake distr.; Slate Range distr.; ore in Slate Range; list of other mines little developed; Searles borax marsh; by Dr. H. DeGroot, field asst.

1891/2. San Bernardino Co. (11 rept. *same* 1890/2: 337-369.)

Mineral wealth; Calico mining distr. (general geology of the region, ore deposits, chloriding the mines, Waterloo mine, borax mine, geol. of borax distr., age of uplift, iron mines); lava beds distr. (geol., imperial lode, ore, claims on vein, Tiptop mine, Gladstone gold mine, other claims, Alvord mines); Oro Grande distr. (Embody mine, carbonate mine, origin of veins, fissure vein, other claims); Silver Mt. distr. (gem marble quarries, lime and granite quarries, Kent mine); Black Hawk distr.; Silver Reef distr. (ore deposits, Gavilan mines); Vanderbilt distr. (Ibex mine); Monte Negras distr.; by W. H. Storms, field asst.

1903(?). [Mineral] map of San Bernardino Co. No scale. 44 x 28 in. (State mining bureau.)

SAN DIEGO COUNTY

1869-1886. General information gathered on visit to San Diego Co. and her mining distrs.; stmt. of mines located in Julian distr. up to Aug. 30, 1870. (6 A.R. state mineralogist 1885/6 pt. 1: 80-90.)

1888. San Diego Co.—geographical and physical features; mines and mining; Gold-Bearing Quartz mines (Ready Relief, Stonewall mines); Paymaster and Emilia (silver) mines; W. A. Goodyear's acct. of survey made in 1872; narrative. (8 *same* 1887/8: 512-528.)

1889. Rept. on field work in San Diego Co.; by W. A. Goodyear. (9 *same* 1888/9: 139-154.)

1890-1890/2. San Diego Co.—Stonewall; Owens; High Peak; Helvetia; Gardiner; Kentuck; Ready Relief mines; Pine Valley mining distr.; Pine Valley mining claim; San Diego Mining Co.; Warlock mining distr.; development of said mines and claims; by E. B. Preston, field asst. (10 *same* 1889/90 (pp. 540-544)—11 rept. *same* 1890/2.)

Tin discoveries, asbestos, Coyote mine and others added in 1890/2; by W. H. Storms, field asst.

1902. [Mineral] map of San Diego Co. No scale. 44 x 28 in. (State mining bureau.)

SAN FRANCISCO COUNTY

1888. S. F. Co.—geographical features; natural features; low mineral status. (8 A.R. state mineralogist 1887/8: 528-529.)

1890. Same; the S. F. Ocean Placer, auriferous beach sands; detailed acct. of vein, methods of working: difficulties; by Dr. H. DeGrott, field asst. (10 *same* 1889/90: 545-547.)

SAN JOAQUIN COUNTY

1888. San Joaquin Co.—topography; mines and minerals (with character of strata met in boring artesian well at Stockton, in 1858); inflammable gas; brick clay; manganese, street gravel, molding sand; narrative. (8 A.R. state mineralogist 1887/8: 557-562.)

1890-1890/2. Same. (10 *same* 1889/90 (pp. 548-566)—11 *same* 1890/2.)

Geological features; water, flowing wells (wells of Stockton, surface wells at Lathrop and vicinity; surface wells to west of San Joaquin River, shallow wells on eastern side of San Joaquin Co., shallow wells at Lodi and northwestern portion of co.); natural gas (Stockton Natural Gas Co., No. Gas well, Crown Mills well, Paper Mills well, Asylum well, Cutler Salmon well, Lathrop well, McDugald well, Stockton Gaslight and Fuel Co.'s well; St. Agnes well, Court House well, Jackson well, gas in northeastern part of co., tabular records of strata penetrated by Asylum 1889 well, Northern, Crown Mills and Lathrop wells); manganese; coal; reduction works at Stockton; irrigation; San Joaquin Land and Water Co.; Woodbridge Canal and Irrigation Co.; Mokelumne Ditch and Irrigation Co.; by W. L. Watts, field asst.

Only Stockton Terra Cotta Co. and San Joaquin Brick Co. given in 11th rept.; by W. L. Watts, field asst.

SAN LUIS OBISPO COUNTY

1888. San Luis Obispo Co.—geographical and physical features; mineral resources; gold; silver; copper; quicksilver; chromite (Rackliff mine); electro-silicon; salt; lime; gypsum; coal; bituminous deposits; bldg. stone; narrative. (8 A.R. state mineralogist 1887/8: 529-533.)

1890. Same. (10 *same* 1889/90: 567-585.)

Topography and geological features (Sierra Santa Lucia range, San Jose range, Carrisa plains, Painted Rock, Monte Diablo range, Los Cerritos peaks, Buchon range containing Pecho sulphur springs, valleys); bituminous rock; San Luis Obispo Bituminous Rock Co. (mine no. 1, mines nos. 2 and 3, Manuel mine, mines nos. 1 and 2 of So. Ledge, Adams and Nichols mine); Cal. Bituminous Rock Co.; French mine; Neuval mine; Cal. Bituminous Block Mnfg. Co.; Carpenter Oil well; Sycamore Spring (artesian well); gold; La Panza gold mine; antimony; Pismo Beach black sand (auriferous); quicksilver (Josephine, Sunderland, Oceanic, Pine Peak, Ocean View, Keystone, Rinconada mines described); chromium; diatomaceous earth; lime; "Cal. onyx" (aragonite); by Myron Angel, field asst.

SAN MATEO COUNTY

1888. San Mateo Co.—geographical and physical features; gold and silver; petroleum; inflammable gas; limestone; bldg. stone; Spring Valley Water Co.; narrative. (8 A.R. state mineralogist 1887/8: 533-536.)

1890. Same; topography; petroleum; gold; coal; bldg. stone; water (wells, strata, etc.); Spring Valley Water Works; by W. L. Watts, field asst. (10 *same* 1889/90: 586-594.)

SANTA BARBARA COUNTY

1888. Sta. Barbara Co.—topography; gold; copper; quicksilver; petroleum; coal; lead; manganese; gypsum; mineral springs; narrative. (8 A.R. state mineralogist 1887/8: 536-540.)

1890. Same; topography and geology; Sierra San Rafael Mts. (mineral resources); quicksilver; Sierra Madre del Sur (mineral resources); Lompec Beach mines (gold); gypsum; by M. Angel, field asst.; Sta. Maria River (geological formations, plates, etc.); Point Sal gypsum mines (geological formation shown by plate, products named); by T. B. Hobson, E. M., field asst. Gas well at Summerland; by F. W. Wheelan. (10 *same* 1889/90: 595-603.)

SANTA CLARA COUNTY

1888. Sta. Clara Co. (8 A.R. state mineralogist 1887/8: 541-550.)

Topography; New Almaden quicksilver mines (Tierras Furnace; Granzita Furnace, Granza Furnace); Guadalupe Quicksilver Mining Co.; limestone and

NATURAL RESOURCES—cont'd

Mineral—cont'd

CALIFORNIA—cont'd

SANTA CLARA COUNTY—cont'd

lime (Guadalupe Lime Co.); bldg. stone (Goodrich Quarry, Stanford Quarry, Flynn Quarry); petroleum (with record of strata penetrated by Pyler well); bitumen; gold and silver, manganese; copper; chromite; mineral springs (at Alum Rock; Congress Springs, Azule Seltzer Springs; Vichy Spring, Gilroy Hot Springs, Blodgett Springs, Madrone Soda Springs).

1889. Rept. on field work in Sta. Clara Co. (9 *same* 1888/9: 48-56.)

1890. Sta. Clara Co.—topography and geological formation; quicksilver; Guadalupe mines; prospecting in Llagas distr.; petroleum; bitumen; coal; natural gas; water (wells, character of strata, etc.); bldg. stone; lime; hydraulic limestone; by W. L. Watts, field asst. (10 *same* 1889/90: 604-619.)

1891/2. Same; quicksilver; manganese and magnesite; Jarvis magnesite claim; Mammoth Magnesite claim; brick; by W. L. Watts, field asst. (11 *same* 1890/2: 374-375.)

SANTA CRUZ COUNTY

1888. Sta. Cruz Co.—topography; mineral resources; gold and silver; auriferous sands; coal; petroleum; oil; cinnabar; lime (Lime Kilns of Holmes & Co., I. X. L. Lime Co.); bldg. stone; granite quarry; mineral springs (analysis of waters from spring on Nichols Ranch); narrative. (8 A.R. state mineralogist 1887/8: 550-556.)

1890. Same; topography and geological formation; bituminous rock; petroleum; auriferous sand; gold quartz; water; clay; bricks; bldg. stone; lime; by W. L. Watts, field asst. (10 *same* 1889/90: 620-626.)

SANTA CRUZ ISLAND

1889. Rept. on field work in Sta. Cruz Is.; by W. A. Goodyear. (9 A.R. state mineralogist 1888/9: 155-170.)

SHASTA COUNTY

1888. Shasta Co. (8 A.R. state mineralogist 1887/8: 562-572.)

Topography; gold-bearing quartz mines; Calumet mine; Riley and Bliss mine; America mine; Central mine; Lost Confidence mine; Celestine mine; Mammoth mine; Gladstone mine; Trinity mine; Lucky Bart mine; Quartz Mountain mine; West Point mine; Eureka mine; White Oak mine; Emigrant mine; limestone quarry; sandstone; narrative.

1890-1890/2. Same. (10 *same* 1889/90 (pp. 627-641)—11 *same* 1890/2.)

Topography and geological features; soil and products; mines and mining; Old Diggings distr. (Texas and Georgia mines, Utah and Cal. Gold Mining Co., Central mine, Calumet mine); Lower Springs mining distr.; Old Diggings distr. (Mammoth mine); Great Silver Lode of Shasta Co.; Flat Creek distr. (Little Nellie mine, Rattler, Black Diamond, Carter, Murry, Elliot and Vandever); French Gulch mining distr. (Washington, Niagara, America and Gladstone mines); chrome iron; Copper City silver mines; Squaw Creek mines—Backbone mining distr. (Uncle Sam and Snyder mines); Cottonwood distr. (Summit mine); magnetic ore; by Alex. McGregor, field asst.

11th rept. by W. G. Hodson.

1896-1901. Comparative table showing increase in mineral production of Shasta Co. (Trans. state agric. socy. 1901: 404.)

1903(?). [Mineral] map of Shasta Co. No scale. 42⅝ x 28⅛ in. (State mining bureau.)

SIERRA COUNTY

1888. Sierra Co. (8 A.R. state mineralogist 1887/8: 573-581.)

Topography; quartz mining and milling (Sierra Buttes mine, Young Amer. mine, Rainbow mine, Rising Sun mine, Eagle mine, Myrtle mine, Gold Bluff mine, Buffalo mine); Drift mines (Bald Mountain Extension claim, South Fork mine); economic minerals (silver, copper, iron ores); Campbell Hot Springs; narrative.

NATURAL RESOURCES—cont'd

Mineral—cont'd

CALIFORNIA—cont'd

SIERRA COUNTY—cont'd

1890-1890/2. Same. (10 *same* 1889/90 (pp. 642-654)—11 *same* 1890/2.)

Topography and map of mines and location; Sierra Buttes; Young America; Mountain Ledge; Colombo; Mercer and Salinas; Cleveland; Chippa; Wm. Tell; Phoenix; Northern Belle; Buttes Saddle; Keystone mines; by L. P. Goldstone, E. M., field asst.

Adelaide, Telegraph, Midas and others added in 1890/2; by E. B. Preston, E. M., field asst. Bigelow, Mercer and Salinas, Independence, Golden, King, Rising Sun, Eagle, Gibsonville mining distr., Thistle drift gravel mine and others added by E. A. Wiltsie.

1903(?). [Mineral] map of Sierra Co. No scale. 42⅛ x 28⅛ in. (State mining bureau.)

SISKIYOU COUNTY

1888. Siskiyou Co. (8 A.R. state mineralogist 1887/8: 581-631.)

Topography; river system; geogr. and topogr. features; metallic wealth; Klamath River; Chinese miners; Placer claims: Cottonwood Mining distr.—details of individual claims; Indian Creek—do.; Oro Fino mining distr.—do.; extensive undertaking (preparation to extract minerals from 40,000 acres of land on Klamath and Salmon rivers); In Scott Valley. The Quartz mines—details of individual mines; recapitulation and folding table with tabular stmt. of gravel mines on operation during water season.

1890-1890/2. Same. (10 *same* 1889/90 (pp. 655-658)—11 *same* 1890/2.)

Topography, geological features; Black Bear mine (quartz); quartz mines at Salmon River, Know-nothing Creek, Greenhorn Creek, Tanners' Peak; cinnabar mines on west branch of Beaver Creek; improvement in several districts; by J. B. Hobson, field asst.

Callahan's Ranch, Quartz Valley, Oro Fino, Klamath River; Humbug Creek, Cottonwood distr. and others added in 11th rept.; by E. A. Wiltsie, field asst.

1903(?). [Mineral] map of Siskiyou Co. No scale. 38⅛ x 24⅛ in. (State mining bureau.)

SOLANO COUNTY

1888. Solano Co.—topography; metals and minerals; cinnabar; marble, bldg. stones; narrative. (8 A.R. state mineralogist 1887/8: 631-632.)

1890. Same. (10 *same* 1889/90: 659-671.)

Mineral resources; Thomas basalt quarries; natural gas; coal; quicksilver; water-shallow wells (character of strata); Tolenas Springs; Tolenas marble; travertine on Dickie Ranch; by W. L. Watts, field asst. Geological features, springs, etc.; by W. A. Goodyear, geologist and field asst.

SONOMA COUNTY

1888. Sonoma Co.—topography; minerals and metals; quicksilver (Great Eastern mine); limestone; coal; mineral springs (Litton, Skaggs, The Geysers); petrifactions; bldg. stones; clays; narrative. (8 A.R. state mineralogist 1887/8: 632-635.)

1890. Same; topography and geological formation; Taylor coal field; mineral resources; by W. A. Goodyear, geologist and field asst. (10 *same* 1889/90: 672-679.)

1890/2. Same. (11 *same* 1890/2: 453-463.)

Water; water supply at Sta. Rosa; Springs and wells yield—inflammable gas; coal; gold and silver; quicksilver (Great Eastern mine, Pine Flat distr.); iron; kaolin; mineral paint; bldg. stone; brick; basalt bricks and curbing; limestone; by W. L. Watts, field asst.

STANISLAUS COUNTY

1888. Stanislaus Co.—topography; agric. productions; lack of mineral wealth. (8 A.R. state mineralogist 1887/8: 635-636.)

1890-1890/2. Same. (10 *same* 1889/90 (pp. 680-690)—11 *same* 1890/2.)

Quicksilver; gold; coal; natural gas; ochre; bricks; flowing wells (character of strata, etc.); mineral waters, shallow wells (character of strata, location, etc.); irrigation (systems—San Joaquin and Kings

NATURAL RESOURCES—cont'd

Mineral—cont'd

CALIFORNIA—cont'd

STANISLAUS COUNTY—cont'd

River Canal, San Joaquin Land and Water Co., Turlock Irrigation distr., Modesto Irrigation distr.; Oakdale Irrigation Co., proposed system dependent on Pentland water right); by W. L. Watts, field asst.

Summit mine, Grayson claim, copper and silver at La Puerta, welding sand added in 11th rept.

SUTTER COUNTY

1888. Sutter Co.—topography; bldg. stones; coal prospect. (8 A.R. state mineralogist 1887/8: 636-637.)

1890. Same; quaternary excepting Marysville Buttes; topography and geological formation of Marysville Buttes (clay and carbon); by E. B. Preston. (10 *same* 1890/1: 691.)

1891/2. Same; water; coal; pottery clay and cement; gold; by W. L. Watts, field asst. (11 *same* 1890/2: 469-471.)

TEHAMA COUNTY

1888. Tehama Co.—topography; chrome iron. (8 A.R. state mineralogist 1887/8: 637.)

1890. Same; topography and geological formation; Tehama Consolidated Chrome mine; analysis of pectolite vein at Elder Creek; Tuscan Springs; by E. B. Preston, field asst. (10 *same* 1889/90: 692-694.)

1891/2. Same; topography; wells in co.; wells in vicinity of Hooker; wells on east side of Sacramento River; subterranean air currents; irrigation; by W. L. Watts, field asst. (11 *same* 1890/2: 472-479.)

TRINITY COUNTY

1888. Trinity Co. (8 A.R. state mineralogist 1887/8: 637-643.)

Topography; Trinity Gold Mining Co.; M'Murry and Hupp Gravel mine; Bartred mine; Brown Bear mine; Bully Choop Group; Golden Chest Mining Co.; North Star mine; Enterprise mine; Hay Fork mine; Altoona Cinnabar mine; Buck mine; coal; narrative.

1890-1890/2. Same. (10 *same* 1889/90 (pp. 695-727)—11 *same* 1890/2.)

Geological map showing location of each mineral; geological formation; Coffee Creek; Nash Deep Gravel Gold Mine Co.; Blythe property and ditches (auriferous); Trinity Center mining distr. (auriferous); Haskin claims (hydraulic); Golden River claim (hydraulic); Bloss and M'Clary claims (hydraulic); Coyle mine (hydraulic); M'Murray and Hupp Hydraulic Gravel mine; Sydney Hill (hydraulic); Trinity Gold and Mining Co. (hydraulic); hydraulic mines on the Trinity (Haas, Sheridan, Placer, Hurst and Eliason, Mount Morensis Co., Junkins and Co.), A. N. Hayes' mine, David Evans, Red Hill, Mammoth claim, Jacob Bros.' placers (drift); Evans' Bar (hydraulic), Good Friday mine, Chapman and Fisher, D. N. Chamberlain mine (hydraulic); Jordan and Bigelow claim; Tom Price's drift mine; Trinity River Tunnel and Mining Co.; East Fork of North Fork (granite veins, operating mines—North Star group, Enterprise group, Niagara Co., Yellowstone group); Golden Chest; Barney Gulch; Cañon Creek; Stuart's Fork; Deadwood distr.; Tamarack mining distr.; New River mining distr.; copper; coal as lignite; cinnabar distr.; platinum; list of hydraulic mines in Trinity Co.; hydraulicking; sample of gold from hydraulic mines forwarded to Bureau; also samples of platinum; plates of mining property; by Wm. P. Miller, field asst.

No map in 11th rept. and fewer details; by R. L. Dunn, E. M., field asst.

1903(?). [Mineral] map of Trinity Co. No scale. 36 x 54⅛ in. (State mining bureau.)

TULARE COUNTY

1888. Tulare Co.—topography; geological formation; mineral resources; Empire, White Chief, and Lady Franklin mines; "notes on the High Sierra South of Mt. Whitney"; by W. A. Goodyear, field asst. (8 A.R. state mineralogist 1887/8: 643-652.)

1890. Same; topography; rivers; Tulare Valley and Lake; Lucerne (agric.); minerals (gold, granite, slate, etc.); cabinet specimens and minerals (list of); forests (varieties of trees and localities of forests); by M. Angel, field asst. (10 *same* 1889/90: 728-733.)

1891/2. Same; topography; flowing wells; shallow wells; gold and silver; iron ore; chrysoprase; magnesite; by W. L. Watts, field asst. (11 *same* 1890/2: 485-492.)

TUOLUMNE COUNTY

1888. Tuolumne Co. (8 A.R. state mineralogist 1887/8: 652-675.)

Topography; Bonanza mine; San Giusseppe mine; Patterson mine; Madrid mine; Experimental Gulch mine; App mine; Heslep Quartz Gold Mining Co.; Gem mine; Seeber mine; Consolidated Eureka; New Albany; Black Oak mine; Platt and Gilson mine; Buchanan mine; Kanaka mine; Golden Treasure mine; Belcher consolidated mine; Longfellow mine; Empire Gravel mine; Crystal Springs gravel mine; Shaw Flat; Stanislaus Tunnel; Tioga District.; bldg. and useful stone; narrative.

1890-1890/2. Same. (10 *same* 1889/90 (pp. 734-757)—11 *same* 1890/2.)

Topography and geological character; volcanic table mountain; pocket mines (gold); Empire Gravel mine (how worked); quartz mines (Golden Gate, San Giuseppe, Alabama, Little Gem, Crystalline, Soulsbyville Mining list, Soulsby mine; Black Oak mine, Platt and Gilson mine, Cory mine, Live Oak mine, Arrastraville mining distr., Sonora Consolidated mine, Consolidated Eureka mine, Lady Washington mine, New Albany mine, Buchanan mine, Belle View mine, Keltz mine, Alta mine); by L. P. Goldstone, E. M., field asst.

Big Bonanza and few others added in 11th rept.; by E. B. Preston, E. M., field asst.

1903. [Mineral] map of Tuolumne Co. Scale, 5 m. = 2-1/16 in. 42 x 28 in. (State mining bureau.)

VENTURA COUNTY

1888. Ventura Co. (8 A.R. state mineralogist 1887/8: 676-690.)

Topography; bldg. stones; Los Angeles Granite and Brownstone Co.; Devil's Gate. General description; San Emido Uplift; precious metals; San Emido Antimony mine; Brown mine; Fraser mine; Foley mine; White Mule mine; Castac mine; mineral oils (wells and cos.); bldg. stone; gypsum; volcanic rocks; bituminous rock; fossils; mineral springs; timber; antiquities; by Dr. Stephen Bowers, field asst.

1890. Same. (10 *same* 1889/90: 758-772.)

Topography; mineral oils; list of oil wells; depth and yield at Sespe oil wells (head of Tar Creek Cañon), Hardison and Stewart Oil Co. wells (Adams Cañon), Salt Marsh Cañon, Torrey Cañon; bituminous rock; bldg. stone; Upper Sespe (topography, geological character, fossils); by Dr. Stephen Bowers, field asst.; rept. on asphaltum mine of Ventura Asphalt Co.; by E. W. Hilgard.

YOLO COUNTY

1888. Yolo Co.—topography; lack of mineral deposits; agric. wealth. (8 A.R. state mineralogist 1887/8: 690.)

1890. Yolo Co. (10 *same* 1889/90: 773-794.)

Topography; water-bearing strata in vicinity of Sacramento River; record of wells bored at Washington and vicinity; water supply at Woodland; wells in southern portion of Yolo Co.; wells in northern portion of co.; wells in western and central portions of co. [character of strata shown for all wells]; coal; bldg. stone; bricks; irrigation; quicksilver; by W. L. Watts, field asst. Geological formation of (sandstone, basalt, tufa, sulphur springs, volcanic ash); by W. A. Goodyear.

1891/2. Same; flowing well on Dinsdale Ranch. (11 *same* 1890/2: 514.)

YUBA COUNTY

1888. Yuba Co.—topography; decline of mining interests; advance of agric. (8 A.R. state mineralogist 1887/8: 691.)

NATURAL RESOURCES—cont'd

Mineral—cont'd

CALIFORNIA—cont'd

YUBA COUNTY—cont'd

1890. Same; character of mines; Blue Point Drift mine; Wheaton & Co. mine; Black Maria and Marc Antony; Brown's Valley mining camp; Dannebrog; Hibbert and Burris mine; Cleveland placer mine; Clarke's mine; Johnson mine; by E. B. Preston, field asst. (10 *same* 1889/90: 795-802.)

1891/2. Same; water and natural gas in valley lands; irrigation; by W. L. Watts, field asst. (11 *same* 1890/2: 515-516.)

AMPHIBOLE

1894. On rock from vicinity of Berkeley containing new soda amphibole; by C. Palache. (Bull. dept. geol. Univ. Cal. v. 1: [181]-191.)

ANTIMONY

See also above, Kern Co.

1892/4-1894/6. Rept. on antimony mines, deposits, etc., in Inyo, Kern, San Benito, San Luis Obispo cos. (12 rept. state mineralogist 1892/4 (pp. 21-23)—13 *same* 1894/6.)

Kern and Riverside cos. in 1894/6.

ASBESTOS

See also above, Merced and San Diego cos.

1892/4. Rept. on asbestos in Sierra Co. (12 rept. state mineralogist 1892/4: 406.)

1894/6. Same; Riverside Co. (13 *same* 1894/6: 642.)

ASPHALTUM

1884. Asphaltum—uses made of it in early times, where found in Cal., prices, uses, and consumption; rates on uses, properties, and different qualities, and best methods of preparing; by chemist of S. F. (4 A.R. state mineralogist 1883/4: 285-293.)

1887. Same; its uses, results of analyses of Cal. asphaltum, locating and patenting claims. (7 *same* 1886/7: 50-55.)

——. See also below, Petroleum; this date.

1890. Rept. on asphaltum mine of Ventura Asphalt Co., with map; by E. W. Hilgard. (10 A.R. state mineralogist 1889/90: 763-772.)

1892/4-1894/6. Rept. on asphaltum and bituminous rock deposits, mines, etc., in Kern, Sta. Cruz, Monterey, San Luis Obispo, Sta. Barbara, and Ventura mines. (12 rept. *same* 1892/4 (pp. 26-33)—13 *same* 1894/6.)

Marin, Mendocino, and Sta. Clara cos. added in 1894/6.

1899. See below, Petroleum; this date.

ASSAYER; see below, LABORATORIES

ASSOCIATIONS

1865. Assn. of miners and mill men in Cal. and Nev.; by Dr. Oxland, metallurgist to agric. bd. (Trans. state agric. socy. 1864/5: 171-173.)

1894/6. Work of Cal. Miners' Assn. (13 rept. state mineralogist 1894/6: 28-29.)

BARYTA

1892/4. Rept. on deposit of baryta in Sta. Barbara Co. (12 rept. state mineralogist 1892/4: 406.)

BIBLIOGRAPHY

1883-1886. Publications of the dept. up to present time. (3 A.R. state mineralogist 1882/3 (pp. 7-8)—6 *same* 1885/6.)

1884. Catalogue of books, maps, lithographs, photographs, etc., in the library of the state mining bureau, May 15. 19 pp.

1888-1896. Bulls. published by dept. (12 rept. state mineralogist 1892/4 (pp. 17-18)—13 *same* 1894/6.)

1892. Catalogue of the library of the state mining bureau, Sept. 1. 149 pp.

1896-1904. List of bulletins issued by mining bureau each yr. (Rept. trustees state mining bureau 1896/00 (pp. 5-6)—*same* 1902/4.)

NATURAL RESOURCES—cont'd

Mineral—cont'd

BORAX

See also above, Lake and San Bernardino cos.

1882. Analyses of samples of borax from San Bernardino and from Smith Bros'. Borax works, Esmeralda Co., Nev. (2 rept. state mineralogist 1880/2: 11-12.)

1883. Rept. on borax deposits of Cal. and Nev., giving production, consumption, uses, history, chemistry, and mineralogy of boracic acid and its compounds, and other general information, with map showing principal localities in the two states; by H. G. Hanks. 111 pp. (3 *same* 1882/3 pt. 2.)

1890. The Searles Borax marsh; plant, property, and operation of San Bernardino Borax Co. (10 *same* 1889/90: 534-544.)

1892/4-1894/6. Rept. on borax deposits, mines, etc., in Inyo, Lake, and San Bernardino cos. (12 *same* 1892/4 (pp. 34-35)—13 *same* 1894/6.)

BROOKITE

1891/2. Mineralogical notes on brookite, octahedrite, and quartz in El Dorado Co.; by Geo. F. Kunz. (11 rept. state mineralogist 1890/2: 207-209.)

BUILDING STONE

See also, in this group, Cement, Granite, Marble, Sandstone, Serpentine, Slate, Steatite, Travertine.

See also above, Alameda, Contra Costa, Del Norte, Fresno, Marin, Nevada, Sacramento, San Bernardino, San Luis Obispo, San Mateo, Sta. Clara, Sta. Cruz, Solano, Sonoma, Ventura, Yolo cos.

18(?). Rept. by civil engineering laboratory, Univ. of Cal., of tests of macadam stone from several Cal. quarries. 8 pp.

1880. Bldg. materials found in Cal. (A.R. state mineralogist 1880: 32-36.)

——. Value of Buhr millstone in state. (*Same* 1880: 38.)

1886. Bldg. stones and bldg. materials in state; localities. (6 *same* 1885/6 pt. 1: 16-34.)

1887-1888. Rept. of A. W. Jackson on bldg. stones of state. (7 *same* 1886/7 (pp. 205-213)—8 *same* 1887/8.)

1888. Mineralogy [etc.], Dept. Univ. of Cal. Bull. on bldg. stones of Cal.; by A. Wendell Jackson. 14 pp.

1892/4-1894/6. Structural materials (cement, clays, granite, rock, marble, lime, basalt, sandstone, slate, steatite, travertine, onyx, tufa, etc.). (12 rept. state mineralogist 1892/4 (pp. 379-405)—13 *same* 1894/6.)

——. Paving-blocks in Contra Costa, Marin, and Sonoma cos. (12 *same* 1892/4 (pp. 396-398)—13 *same* 1894/6.)

Contra Costa omitted in 1894/6; Napa and Solano added.

1898-1900. Occurrence of road-bldg. material in state, by cos. (Bienn. rept. dept. of highways 1897/8 (pp. 15-18)—*same* 1899/00.)

CEMENT

See also above, Sutter Co.

1888. Natural and artificial cement in Cal. (8 A.R. state mineralogist 1887/8: 865-884.)

1888/9. Deposits of limestone necessary to mnftre. cement recently discovered in state. (9 *same* 1888/9: 309-311.)

1892/4-1894/6. Cement in Contra Costa, Riverside, Sta. Cruz, and Solano cos. (12 rept. *same* 1892/4 (pp. 380-381)—13 *same* 1894/6.)

San Bernardino added in 1894/6.

CHALK

1894/6. French chalk in Los Angeles Co.; Banning quarry on Catalina Is. (13 rept. state mineralogist 1894/6: 642.)

NATURAL RESOURCES—cont'd

Mineral—cont'd

CHERT

[1894.] App. note on radiolarian chert from Angel Is., and from Buri-Buri Ridge, San Mateo Co.; by G. J. Hinde. (Bull. dept. geol. Univ. Cal. v. 1: [235]-240.)

CHROMITE

See also above, Alameda and Del Norte cos.

1880. Chromic iron interest in state. (A.R. state mineralogist 1880: 32.)

CHRYSOPRASE

See also above Tulare Co.

1894/6. Rept. on chrysoprase in Tulare Co. (13 rept. state mineralogist 1894/6: 642.)

CINNABAR

See above, Sta. Cruz and Solano cos.

CLAY

See also above, Colusa, Contra Costa, Marin, Mendocino, Merced, Sacramento, San Joaquin, Sta. Cruz, and Sutter cos.

1880. Clay deposits of state. (A.R. state mineralogist 1880: 36-38.)

1889. Clays as used in arts and mnftres.; deposits in Cal. (9 *same* 1888/9: 287-308.)

1892/4-1894/6. Clay, bricks, pottery, etc., in Alameda, Contra Costa, Los Angeles, Marin, Napa, Nevada, Placer, Sacramento, Sta. Cruz, Sonoma, Stanislaus, and Yuba cos. (12 *same* 1892/4 (pp. 381-384)—13 *same* 1894/6.)

Napa, Nevada, Sonoma, Stanislaus, and Yuba omitted in 1894/6; Amador, Butte, Kern, Mono, Riverside, San Joaquin, San Luis Obispo, Sta. Clara, Shasta, Solano, and Tulare added.

COAL

See also above, Colusa, Contra Costa, Fresno, Humboldt, Mendocino, Merced, Monterey, Sacramento, San Benito, San Luis Obispo, San Mateo, Sta. Barbara, Sta. Clara, Sta. Cruz, Sonoma, Stanislaus, and Yolo cos.

1855. Coal discovered in various secs. of state and veins being opened in several cos. (Govs. ann. mess. 1856: 20.)

1860-1884. Historical table showing ann. receipts at S. F. of coal from Mt. Diablo mines from date of opening. (4 A.R. state mineralogist 1883/4: 268.)

1861-1876. Same; ann. product of Mt. Diablo coal mines for first 16 yrs. of existence, with comments. (7 *same* 1886/7: 156.)

1873-1887. Same; exhibiting ann. coal shipments from Somerville mines. (7 *same* 1886/7: 166.)

1876/7. Rept. on Mt. Diablo coals. (Bienn. rept. agric. college 1876/7: 70-74.)

1877-1885. Historical table showing ann. shipments of coal from Black Diamond Coal Co. (7 A.R. state mineralogist 1886/7: 165.)

1879. Bull. of Univ. of Cal. Senior Exploring Expedition. No. 1, Class of '79. 14 pp. (Bull. no. 34.)

Note on coal mines at foot of Mt. Diablo and on geology of Contra Costa Hills and Monte Diablo group.

1882. See Land: State. Mineral; this date.

1884. Coal—its occurrence in Cal. and elsewhere on Pacific Coast—production, consumption, prices, etc. (4 A.R. state mineralogist 1883/4: 265-272.)

1887. Coal in Cal. (7 *same* 1886/7: 117-178.)

1888-1889. Stmt. of coal product of state. (9 *same* 1888/9: 323.)

1890. Map and cross-section of bituminous rock quarries at Corral de Piedra, San Luis Obispo Co. (10 *same* 1889/90 facing p. 572.)

1892/4-1894/6. Rept. on coal mines, deposits, etc., in Cal.—Alameda, Amador, Contra Costa, Del Norte, Fresno, Humboldt, Mendocino, Merced, Monterey, Orange, Riverside, San Benito, San Luis Obispo, Shasta, Siskiyou, Sonoma, Trinity; tabular stmt. of analysis of Cal. coals. (12 rept. *same* 1892/4 (pp. 38-65)—13 *same* 1894/6.)

Merced and Orange cos. and tabular analysis omitted in 1894/6; Los Angeles and Sutter added.

NATURAL RESOURCES—cont'd

Mineral—cont'd

COAL—cont'd

1894. Analyses of Cal. coal from various localities. (12 *same* 1892/4: 64-65.)

ALAMEDA COUNTY

See also above, Alameda Co.

1890. Alameda Co.; acct. of survey of Summit, Eureka, and Livermore coal beds; by W. A. Goodyear, geologist, field asst. (10 A.R. state mineralogist 1889/90: 91-95.)

AMADOR COUNTY

1891/2. Coal and clays in Amador Co.: operations of Sacramento and Ione Coal Co.; Ione Coal and Iron Co.; Carbondale Coal, Land, and Improvement Co.; coal of Newman Ranch; Carbondale property; clay; white sand; O'Neal sandstone quarry; Arroyo Seco gravel mine; by W. L. Watts, field asst. (11 rept. state mineralogist 1890/2: 146-149.)

1892/4-1894/6. See above; these dates.

COLEMANITE

1902. Colemanite from so. Cal., description of crystals and of method of measurement with two-circle goniometer; by A. S. Eakle. (Bull. dept. geol. Univ. Cal. v. 3: [31]-49.)

COPPER

See also above, Colusa, Del Norte, Lake, Marin, Mendocino, Merced, Nevada, San Benito, San Luis Obispo, and Sta. Barbara cos.

1885. Article on copper mines at Clifton, Pima Co., Ariz., taken from S. F. Mining and Scientific Press. (5 A.R. state mineralogist 1884/5: 208-209.)

1892/4-1894/6. Rept. on copper product of Cal.—mines and deposits in Calaveras, Fresno, Humboldt, Mendocino, Nevada, Orange, Plumas, San Bernardino, Shasta, Sierra, and Tulare cos. (12 rept. *same* 1892/4 (pp. 66-70)—13 *same* 1894/6.)

Orange omitted in 1894/6; Amador, Del Norte, El Dorado, Madera, Marin, Riverside, Siskiyou, and Trinity added.

1902. The copper resources of Cal.; by L. E. Aubury. 282 pp., maps, illus. (State mining bureau bull. 23.)

DIABASE

1895. On analcite diabase from San Luis Obisco Co.; by H. W. Fairbanks. (Bull. dept. geol. Univ. Cal. v. 1: [273]-300.)

DIAMONDS

1853-1882. Diamonds in Cal. (3 rept. state mineralogist 1880/2: 241-254.)

1894/6. Diamonds in El Dorado Co. (13 *same* 1894/6: 642.)

ELECTRUM

1880. Paper on occurrence of electrum [ore] in Cal.; by H. G. Hanks. (A.R. state mineralogist 1880: 25-26.)

EMERY

1892/4. Emery in Sierra Co. (12 rept. state mineralogist 1892/4: 406.)

EXHIBITIONS

See also below, Mining Bureau, this date.

1865. List of principal public and private mineralogical and geological collections in Cal.; notes on geographic distribution and geology of precious metals and valuable minerals of the Pacific Slope of U. S. (Trans. state agric. socy. 1864/5: 357-363.)

1882. On importance of preparing exhibits for World's Fair to be held in next 5 yrs. (2 rept. state mineralogist 1880/2: 12.)

1883. Rept. of Pacific Coast Mineral Exposition; financial stmt. (4 *same* 1883/4: 15-20.)

1885. Detailed rept. of mineral exhibits made by other states and territories in govt. bldg. at New Orleans Exposition. (5 *same* 1884/5: 128-227.)

NATURAL RESOURCES—cont'd
Mineral—cont'd
EXHIBITIONS—cont'd
1885. Same; on Cal. mineral exhibit at New Orleans Exposition; list of mines represented; historical sketch of state. (5 *same* 1884/5: 51-120.)
1900. Cal. mineral exhibit at Paris Exposition. (Rept. bd. trustees state mining bureau 1896/00: 7.)
1904. La. Purchase Exposition exhibit. (*Same* 1902/4: 12-13.)
EXPENDITURES FOR EXPLOITATION
1882-1894. Cost of state mining bureau; expenditures from apprns. made by state and cost of prtg. (A. R. b. examiners dated 1895: 70.)
GABBRO
1904. Orbicular gabbro at Dehesa, San Diego Co.; by A. C. Lawson. (Bull. dept. geol. Univ. Cal. v. 3: [383]-396.)
GALENA
1892/4-1894/6. Rept. on argentiferous galena mines, deposits, etc., in Inyo, Los Angeles, Orange, and San Bernardino cos. (12 rept. state mineralogist 1892/4 (pp. 23-26)—13 *same* 1894/6.)
Los Angeles omitted in 1894/6; Siskiyou added.
GOLD AND GOLD-BEARING DEPOSITS
See also Industries, etc. Consumption.
1870. Estimated amt. of gold in existence at different periods from commencement of Christian era to 1870 as given in London Engineer. (2 rept. state mineralogist 1880/2: 191.)
1879. Estimates of gold yield of world, by countries. (2 *same* 1880/2: 192.)
1882. Assay of gold bullion; mechanical assay of sands containing gold, or crushed quartz; blowpipe assay of gold or gold bullion; to test gold dust by touchstone and test needles—description of each process. (2 *same* 1880/2: 122-139.)
——. Flour gold; by A. B. Paul. (2 *same* 1880/2 app. pp. 224-226.)
——. On milling of gold quartz; by M. Attwood, F. G. S. (2 *same* 1880/2 app. pp. 193-203.)
——. History of gold; wealth of the ancients; physical and chemical properties of gold; its divisibility and volatility; alloys; gilding. (2 *same* 1880/2: 139-157.)
——. List of most celebrated gold nuggets of modern times; foreign and those of Cal. (2 *same* 1880/2: 147-150.)
1886. Importance of gold and gold mining; bimetalism. (5 A.R. *same* 1885/6 pt. 1: 12-15.)
——. Stmts. re. weight of 5, 10, and 20-stamp gold mills; specifications for 20-stamp gold mill. (6 *same* 1885/6 pt. 2: 88-92.)
——. To find value of gold and silver of a specimen; by C. H. Aaron; table and figures from Practical Hydraulics; by P. M. Randall. (6 *same* 1885/6 pt. 2: 176-182.)
1888. Notes on hydro-metallurgy of gold; by C. H. Aaron. (8 *same* 1887/8: 836-846.)
1889. Discovery of gold; being history, or account, of the discovery of gold in Cal. (Governmental roster 1889: 217-219.)
1890. Gold extraction by potassium cyanide; by W. D. Johnston, M. D. (10 *same* 1889/90: 938-942.)
1894. The cyanide process, its practical application and economical results; by Dr. A. Sheidel. 133 pp., illus. (State mining bureau bull. 5.)
CALIFORNIA
See also above, Colusa, Del Norte, Humboldt, Kern, Lake, Marin, Mendocino, Orange, San Benito, San Diego, San Luis Obispo, San Mateo, Sta. Barbara, Sta. Clara, Sta. Cruz, Sonoma, Stanislaus, Sutter, and Tulare cos.
1848-1882. Historical tables showing ann. production of gold in Cal. since its discovery—various estimates given and authorities for same. (2 rept. state mineralogist 1880/2: 171-174.)
1848-1895. Historical table giving total ann. production of gold in Cal. since 1848, according to different authorities. (13 *same* 1894/6 facing p. 64.)
1848-1902. Cal's. gold record; table showing value of production each yr. and total for all yrs. (State mining bureau bull. 30: 268.)
——. Same; separate. sheet.
1848-1903. Gold production in Cal. in each yr. sheet. (State mining bureau unnum. pubn.)
1855. Great advances made in obtaining gold embedded in quartz rock as result of improved machinery. (Govs. ann. mess. 1855: 23.)
——. Apparent increase in gold production as indicated by customs house returns, accounted by retention of greater amt. within state as result of increased home production of supplies and mnftres. (*Same* 1856: 15.)
——. New and extensive gold fields discovered. (*Same* 1856: 15.)
1865. Mining statistics, No. 1. Tabular stmt. of the condition of the auriferous quartz mines in that part of Mariposa and Tuolumne cos., lying betw. the Merced and the Stanilaus Rivers, Aug. to Nov., 1865; by A. Rémond. 16 pp. 4°.
1879-1880. Table showing gold production of hydraulic, placer, drift, and river mines, by cos. and distrs., in state for yr. endg. May 31. (2 rept. state mineralogist 1880/2: 188-189.)
Butte, Calaveras, Del Norte, El Dorado, Humboldt, Mono, Nevada, Placer, Plumas, Shasta, Siskiyou, Stanislaus, Trinity, Tuolumne, and Yuba cos.
1881. Stmt. of gold production of Cal., by cos., as found in ann. rept. of director of mint, Burchard. (2 *same* 1880/2: 174.)
Alpine, Amador, Butte, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Humboldt, Inyo, Kern, Lassen, Los Angeles, Mariposa, Mendocino Merced, Modoc, Mono, Nevada, Placer, Plumas, Sacramento San Bernardino, San Diego, Sta. Barbara, Shasta, Sierra, Siskiyou, Stanislaus, Tehama, Trinity, Tulare, Tuolumne, Ventura, and Yuba cos.
1882. The gold-bearing deposits of Cal. (2 *same* 1880/2: 47-48.)
——. Table of average yield of gold from some of principal quartz mines of state; compiled generally from newspapers. (2 *same* 1880/2: 175.)
——. Yield of gold and cost of production in Cal.; loss of gold and quicksilver in hydraulic mining. (2 *same* 1880/2: 115-118.)
——. Results of experiments and observations on placer gold led to discovery of important facts bearing on production of gold in Cal.; new theory as to old river beds and their auriferous gravel fillings advanced; references given for further study of theories of ancient rivers. (2 *same* 1880/2: 101-110.)
——. Contributions to the geology and mineralogy of Cal.: On the milling of gold quartz; by M. Attwood. 20 pp. (State mining bureau unnum. pubn.)
Read before Cal. State Geol. Socy. and published in part by the Mining and Scientific Press, Aug. 20, 1881.
1886. Concentration of gold and silver ores on Pacific Coast; by J. M. Adams. (6 A.R. state mineralogist 1885/6 pt. 2: 92-115.)
——. Rept. on investigation of some of leading gold-quartz mines of state, arranged by cos., giving description of developments made and depths of mines, and such statistics as could be collated by state mineralogist. (6 *same* 1885/6 pt. 2: 15-62.)

NATURAL RESOURCES—cont'd

Mineral—cont'd

GOLD AND GOLD-BEARING DEPOSITS—cont'd

CALIFORNIA—cont'd

1888. Lithology of wall rocks of auriferous fissures in state; by M. Attwood. (8 *same* 1887/8: 771-783.)

——. Tabular stmt. of mills, giving name and locality of mill, power used, stamps, screens, etc., by cos. (8 *same* 1887/8: 692-695.)
Amador, Calaveras, El Dorado, Colusa, Fresno, Los Angeles, Lassen, Mariposa, Monterey, Mono, Nevada, Napa, Plumas, Placer, Sta. Cruz, Shasta, San Diego, Sierra, San Bernardino, Siskiyou, Trinity, Tuolumne cos.

——. Milling of gold ores in Cal.; by J. H. Hammond. (8 *same* 1887/8: 696-735.)

1888/9. Tabular stmt. of yield of auriferous gravel at important hydraulic claims in state, also including smaller hydraulic, drift, and cement claims, according to authorities given. (9 *same* 1888/9: 134-137.)

1889. Forms of gold-bearing deposits of Cal.—gold bluffs and beaches, dry and seam diggings, cement, pocket, and tailings diggings, nugget mining, crevicing, etc.; recovering auriferous gravel from dredges, submarine armor, etc., as practiced in Cal. and in other countries. (9 *same* 1888/9: 35-40.)

——. Plates giving cross-sections of ancient river channels containing auriferous gravels. (9 *same* 1888/9 facing p. 166.)

——. Auriferous gravels of Cal.—geology of their occurrence and methods of exploitation; by J. H. Hammond. (9 *same* 1888/9: 105-138.)

1890. The S. F. ocean placer—the auriferous beach sands; by Dr. H. DeGroot. (10 *same* 1889/90: 545-547.)

——. Map of gold-quartz mines in vicinity of Grass Valley and Nevada City, Banner Mt. (10 *same* 1889/90 facing p. 372.)

——. Descriptive tabulation of stamp mills of Nevada Co. (10 *same* 1889/90 foldg. table.)

——. Mining of gold ores in Cal.; by J. H. Hammond. (10 *same* 1889/90: 852-882.)

1892-1895. Tables giving gold and silver product, by cos., for bienn. periods. (12 rept. *same* 1892/4 (pp. 10-11)—13 *same* 1894/6.)
Amador, Butte, Calaveras, Del Norte, El Dorado, Fresno, Humboldt, Inyo, Kern, Lassen, Los Angeles, Mariposa, Merced, Mono, Napa, Nevada, Orange, Placer, Plumas, Sacramento, Sta. Barbara, San Bernardino, San Diego, San Luis Obispo, Shasta, Sierra, Siskiyou, Stanislaus, Trinity, Tulare, Tuolumne, Yuba cos. in 1892; Colusa, Madera and Riverside added in 1893.

1892/4-1894/6. Rept. on gold mines in Amador, Butte, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Inyo, Kern, Lassen, Los Angeles, Madera, Mariposa, Mendocino, Mono, Monterey, Nevada, Orange, Placer, Plumas, Riverside, Sacramento, San Benito, San Bernardino, San Diego, San Luis Obispo, San Mateo, Sta. Cruz, Shasta, Sierra, Siskiyou, Stanislaus, Tehama, Tulare, Tuolumne, Trinity, Ventura, Yolo, and Yuba cos. (12 *same* 1892/4 (pp. 70-322)—13 *same* 1894/6.)
Glenn, San Mateo, Stanislaus, Tehama, and Yolo cos. omitted in 1894/6; Napa, Sta. Barbara, Sonoma, and Sutter added. Tabular stmts. of mills operating in each co. given in 1894/6.

1894. Auriferous conglomerate in Cal.; with acc. map of deposit in Siskiyou Co.; by R. L. Dunn. (12 *same* 1892/4: 459-471.)

——. Same; separate. 15 pp.

1895. Cal. gold mill practices; by E. B. Preston. 85 pp., illus. (State mining bureau bull. 6.)

1904(?). Cal. gold product. Collated by C. G. Yale, statistician. sheet, 64 x 31 cm. (State mining bureau.)

NATURAL RESOURCES—cont'd

Mineral—cont'd

GOLD AND GOLD-BEARING DEPOSITS—cont'd

GEORGIA

1828-1885. History of gold mining in Ga.; manner of working auriferous material. (5 A.R. state mineralogist 1884/5: 140-148.)

1885. Notes by state mineralogist on trip through gold mines of Ga. and other mining localities in South. (5 *same* 1884/5: 120-127.)

NORTH CAROLINA

1885. Paper by C. D. Smith of Franklin, N. C., on gold and gold-bearing rocks of western portion of N. C. and part of northeast Ga. (5 A.R. state mineralogist 1884/5: 178-181.)

RUSSIA

1814-1877. Historical table of amt. of gold obtained from crown and private washings in Russia. (2 rept. state mineralogist 1880/2: 163-164.)

1867-1876. Comparative table showing no. of mines, amt. of sand in lbs., gold metal extracted, and value in dollars of gold mined in Russia. (2 *same* 1880/2: 161-162.)

GRANITE

1879. State land at Rocklin contains valuable granite quarries; suits for trespass upon this property now pending; suggestion that these and other state lands be disposed of by sale. (Rept. atty. gen. 1878/9: 9-10.)

1892/4-1894/6. Granite in Calaveras, Madera, Placer, Sacramento, San Bernardino, San Diego, Sta. Cruz, Trinity, and Tulare cos. (12 rept. state mineralogist 1892/4 (pp. 384-387)—13 *same* 1894/6.)
San Diego, Sacramento, Sta. Cruz omitted in 1894/6; Nevada, San Luis Obispo, Shasta added.

GRAPHITE

1894/6. Graphite in Fresno Co. (13 rept. state mineralogist 1894/6: 642.)

GYPSUM

See also above, Kern, Merced, San Luis Obispo, Sta. Barbara, and Ventura cos.

1892/4-1894/6. Rept. on gypsum mines, deposits, etc., in Fresno, Kern, Los Angeles, Riverside, San Luis Obispo, and Sta. Barbara cos. (12 rept. state mineralogist 1892/4 (pp. 323-325)—13 *same* 1894/6.)
Kern, Riverside, San Luis Obispo, and Sta. Barbara omitted in 1894/6; Kings and San Benito added.

1894. Rept. on Paoli Gypsum Co's. mines in Fresno Co., and gypsum mine in San Benito Co. (Bienn. rept. agric. exper. stations 1892/4: 197-200.)

IRON

CALIFORNIA

See also above, Del Norte, Lake, Merced, Nevada, and Tulare cos.

1870. Veto of act to encourage iron mining. 2 ll. (App. to jols. 18 sess. v. 2 unnum. doc.)

1880. Iron in state. (A.R. state mineralogist 1880: 27-30.)

1882. Iron ores and iron industries of Cal.; list of iron ores in state museum. (2 *same* 1880/2: 193-201.)

1892/4-1894/6. Rept. on chromic iron deposits, mines, etc., in Alameda, Del Norte, Glenn, Marin, Napa, San Luis Obispo, Sta. Barbara, Sta. Clara, Sierra, Sonoma, and Tehama cos. (12 *same* 1892/4 (pp. 35-38)—13 *same* 1894/6.)
Glenn, Marin, Santa Barbara omitted in 1894/6; Calaveras, Fresno, Mendocino, and Shasta added.

——. Rept. on iron mines, deposits, etc., in Amador, Humboldt, Inyo, Los Angeles, San Bernardino, Napa, Shasta, and Sonoma cos. (12 *same* 1892/4 (pp. 325-327)—13 *same* 1894/6.)
Del Norte, Humboldt, Napa, and Shasta cos. given in 1894/6.

OREGON

1866-1882. Iron works and deposits in Wash. and Ore. (2 rept. state mineralogist 1880/2: 194-195.)

NATURAL RESOURCES—cont'd

Mineral—cont'd

LABOR; see that, title

LABORATORIES

1850. Rept. by select committee re. passage of act to create office of state assayer. (App. to Sen. jol. 1 sess. pp. 563-565 doc. MM.)

1880. Rept. of chemist. (A.R. state mineralogist 1880: 15-17.)

——. Extensive metallurgical works required. (*Same* 1880: 41-42.)

1882. On need for state chemical and metallurgical laboratory; plan suggested for control and mngmt. of same. (2 *same* 1880/2: 6.)

——. Work of laboratory ceased with suspension of chemist. (2 *same* 1880/2: 10.)

1883/4. Since discontinuance of laboratory work, and discharge of chemist for want of funds, but little chemical work has been attempted; record of examinations of minerals sent in and entered in catalogue. (4 *same* 1883/4: 11-14.)

1885. Sec. of act creating state analyst, which authorizes analyses of minerals sent by state mineralogist, inoperative because of failure to make provision to pay special chemist required. (5 *same* 1884/5: 7.)

LAWS

1866-1881. U. S. mining laws. (6 A.R. state mineralogist 1885/6 pt. 2: 132-163.)

CALIFORNIA

1877. Mining statutes, with forms; by A. Hart.
Not seen; entry from Bowker.

1893. Laws recently passed re. mining. (12 rept. state mineralogist 1892/4: 530-541.)

LAWSONITE

1895. On lawsonite, new rock-forming mineral from Tiburon Peninsula, Marin Co.; by F. L. Ransome (Bull. dept. geol. Univ. Cal. v. 1: [301]-312.)

LEAD

See also above, Orange and Sta. Barbara cos.
See also Galena and Plumbago.

1876. Stmt. of cost of mining and smelting lead furnished by Union Consolidated Mining Co., Cerro Gordo, Inyo Co. (4 A.R. state mineralogist 1883/4: 252.)

1878-1883. Comparative stmt. showing falling off in receipts of both lead and base bullion, at S. F. for last 6 yrs. (4 *same* 1883/4: 253.)

1888. Notes on western lead smelting; by W. S. Keyes. (8 *same* 1887/8: 804-831.)

1890. Lead smelting; by F. C. Von Petersdorf. (10 *same* 1889/90: 803-851.)

LIME

See above, Alameda and Sta. Cruz cos.

LIMESTONE; see CEMENT; do. MARBLE; this group

MAGNESITE

See also above, Tulare Co.

1894/6. Rept. on magnesite mines and deposits in Fresno, Napa, Sta. Clara, and Tulare cos. (13 rept. state mineralogist 1894/6: 505.)

MANGANESE

See also above, Alameda, Marin, San Joaquin, Sta. Barbara, and Sta. Clara cos.

1892/4-1894/6. Rept. on manganese mines, deposits, etc., in Alameda, Marin, Napa, San Benito, San Luis Obispo, Sta. Clara, and Sonoma cos. (12 rept. state mineralogist 1892/4 (pp. 329-330)—13 *same* 1894/6.)
Napa and San Benito omitted in 1894/6; Del Norte, San Joaquin added.

MAPS

See also in the serial group under Register of Mines. Maps of special mineral localities entered under locality; see above.

MARBLE

1865. Cal. marble. (Trans. state agric. socy. 1864/5: 314.)

NATURAL RESOURCES—cont'd

Mineral—cont'd

MARBLE—cont'd

1892/4-1894/6. Marble, limestone, and lime in Amador, Calaveras, El Dorado, Inyo, Lake, Monterey, Madera, Nevada, Riverside, San Benito, San Bernardino, San Luis Obispo, Sta. Clara, Sta. Cruz, Shasta, Solano, Sonoma, and Tuolumne cos. (12 rept. state mineralogist 1892/4 (pp. 391-396)—13 *same* 1894/6.)
In 1894/6 Nevada, Riverside, and San Luis Obispo omitted; Contra Costa, Fresno, Kern, Los Angeles, Mariposa, Mono, Napa, Siskiyou, Trinity, and Tulare added.

MERCURY; see below, QUICKSILVER

MICA

1882. Notes on mica in state; list of mica minerals in state museum. (2 rept. state mineralogist 1880/2: 255-261.)

MINERAL LANDS; see LAND: STATE. MINERAL

MINERAL PAINT

1892/4-1894/6. Mineral paint in Sonoma and Yuba cos. (12 rept. state mineralogist 1892/4 (pp. 406-407)—13 *same* 1894/6.)
Yuba Co. omitted in 1894/6.

MINING BUREAU

1880. History of organization of state mining bureau and institution of state museum. (A.R. state mineralogist 1880: 3-8.)

1880-1896. Financial stmt. (*Same* 1880 (p. 18)—rept. bd. trustees state mining bureau 1902/4.)

1880/2-1884. Receipts and payments on mining bureau fund. (A.R. state treasurer 1880/2 (p. 13)—bienn. rept. *same* 1882/4.)

1882-1904. Stmt. of condition of mining bureau fund. (Bienn. rept. state controller 1880/2 (p. 92)—*same* 1902/4.)

——. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for state mining bureau. (*Same* 1880/2 (p. 82)—*same* 1902/4.)

1883. Call made to citizens to take into consideration affairs of state mining bureau; preliminary steps taken for Pacific Coast Mineral Exposition. (3 A.R. state mineralogist 1882/3: 13-17.)

——. Importance of making provision for permanent bldg. for mining bureau. (3 *same* 1882/3: 19.)

——. Rept. on embarrassed financial condition of mining bureau; success of museum proves that such an institution is wanted by people; time has come when dept. should be reorganized and placed on permanent basis, or museum closed, and institution and office abolished. (3 *same* 1882/3: 9-13.)

1883-1904. Rept. on growth of library and museums. (3 *same* 1882/3 (pp. 5-7)—rept. bd. trustees state mining bureau 1902/4.)

1884. Comments on state mining bureau, also recommendation that law be so amended as to place collection in hands of state mineralogist. (Bienn. rept. state controller 1882/4: 27.)

1885. Corresp. of dept. has reached such magnitude as to require entire time of one person; circulars sent to correspondents for purpose of explaining apparent neglect. (5 A.R. state mineralogist 1884/5: 7-9.)

1885/6-1894/6. Rept. of trustees of state mining bureau. (6 *same* 1885/6 pt. 1 (pp. 5-12)—13 *same* 1894/6.)

1886. Needs of mining bureau as set forth by trustees; sum of $125,000 suggested as moderate apprn. for two coming fiscal yrs. (6 *same* 1885/6 pt. 2: 10-12)

1887. Rept. on act making apprn. for support and maintenance of state mining bureau for 39th and 40th fiscal yrs. (Assem. jol. 27 sess. pp. 180-181.)

NATURAL RESOURCES—cont'd

Mineral—cont'd

MINING BUREAU—cont'd

1888. Favorable comment on work of mining bureau; other states establishing mining bureaus on same basis; extract from Honduras Progress re. same. (8 A.R. state mineralogist 1887/8: 16-22.)

1893. Rept. of editor under provisions of act of Mch. 11, 1893, making apprn. for editing ms. of bienn. rept. of state mineralogist 1890/2. (11 rept. *same* 1890/2: 3-7.)

1897. Petition for apprn. to continue state mining bureau upon separate basis. (Assem. jol. 32 sess. pp. 601-602.)

1899. Rept. on state mining bureau. (Rept. of committee to make examination of state institutions 1899: 175-176.)

——. Same; in App. to jols. 33 sess. v. 2.

OCTAHEDRITE; see above, BROOKITE

ONYX; see below, TRAVERTINE

PALACHEITE

1903. Palacheite; by A. S. Eakle. (Bull. dept. geol. Univ. Cal. v. 3: [231]-236.)

PECTOLITE

See also above, Tehama Co.

1892/4. Pectolite in Tehama Co. (12 rept. state mineralogist 1892/4: 408.)

PETROLEUM

1864-1886. Historical table showing quantity of crude petroleum produced in and quantity and value of petroleum exported from U. S. (7 A.R. state mineralogist 1886/7: 43.)

CALIFORNIA

See also above Alameda, Fresno, Humboldt, Kern, Los Angeles, Mendocino, San Benito, San Mateo, Sta. Barbara, Sta. Clara, Sta. Cruz, and Ventura cos.

1856-1884. History of petroleum in Cal. (4 A.R. state mineralogist 1883/4: 293-304.)

1884. Petroleum—what the ancients knew about it; present product of old wells; kerosene and coal oil, first mnftres. in U. S. and Europe; early history of petroleum in U. S.—first borings. (4 *same* 1883/4: 278-281.)

1887. Rept. of W. A. Goodyear on field devoted to petroleums, asphaltums, and natural gas in cos. so. of Bay of S. F. (7 *same* 1886/7: 65-114.)

Contra Costa, Fresno, Kern, Los Angeles, Monterey, Sta. Barbara, San Bernardino, Sta. Clara, Sta. Cruz, San Diego, San Luis Obispo, San Mateo, Ventura cos.

——. Rept. of A. H. Weber on petroleum and asphaltum in no. Cal. (7 *same* 1886/7: 195-202.)

——. Rept. of state mineralogist on petroleum industry in state; origin, deposits in state and other countries, value as a fuel, assay in different cos., refining, etc., locating and patenting petroleum claims. (7 *same* 1886/7: 10-50.)

Assays in San Mateo, Sta. Clara, Los Angeles, Ventura and Monterey cos.

1888-1889. Record of strata penetrated by wells nos. 9 and 10 at McPherson Oil Wells in Moody Gulch, Sta. Clara Co. (10 *same* 1889/90: 606-607.)

189(?). Oil City oil field. Map. 20¼ x 16¾ in.

1890. The Pico Cañon oil field, with relief map and cross-sections; by E. North. (10 A.R. state mineralogist 1889/90: 283-298.)

1892/4-1894/6. Rept. on petroleum claims, wells, etc., in Fresno, Kern, Los Angeles, Monterey, San Benito, San Luis Obispo, Sta. Barbara, and Ventura cos. (12 rept. *same* 1892/4 (pp. 352-358)—13 *same* 1894/6.)

Monterey, San Benito, and San Luis Obispo, omitted in 1894/6; Alameda, Colusa, Contra Costa, Napa, Sta. Clara, Sta. Cruz added.

NATURAL RESOURCES—cont'd

Mineral—cont'd

PETROLEUM—cont'd

CALIFORNIA—cont'd

1894. Gas and petroleum-yielding formations of the central valley of Cal.; by W. L. Watt. 95 pp., illus., maps. (State mining bureau bull. 3.)

Maps: Map of great central valley of Cal.
Sketch map of Sunset oil claims. 1 m. = 1 in.
Sketch map showing position of asphaltum veins at Asphalto, Kern Co. 1 m. = 1 in.
Sketch map showing terr. located as oil claims no. and s. w. of Coalingo. 1 m. = 1 in.

1896. Résumé of original researches, analyses, and refining methods of petroleum, mainly from so. cos. of Cal. (13 rept. state mineralogist 1894/6: 656-661.)

1897. Oil and gas-yielding formations of Los Angeles, Ventura, and Sta. Barbara cos., pt. 1; by W. L. Watts. 94 pp., 5 maps., 31 illus. (State mining bureau bull. 11.)

Contains: Pts. 1-2, Geological list of wells, production, etc., of L. A. and Ventura cos. Pt. 3, geological formation and petroleum industry in portions of Ventura and Sta. Barbara cos. Pt. 4, misc. drilling machinery, oil as fuel, etc. Sketch maps of Los Angeles and vicinity, Puente oil district, Ventura Co. oil district, Summerland, Sta. Barbara Co., etc.

1899. The genesis of petroleum and asphaltum in Cal.; by A. S. Cooper. 89 pp., illus. (*Same* bull. 16.)

1900. Oil and gas-yielding formations of Cal.; by W. L. Watts. 236 pp., maps., illus. (*Same* bull. 19.)

——. Same. (App. to jols. 34 sess. v. 3 doc. [9].)

Contains: Articles on value of petroleum industry in Cal.; geology of the Puente Hills; Foothills east of Sta. Ana River; geological formation betw. Puente Hills and Los Angeles oil fields; the Los Angeles oil-field 1897-1900; San Pedro peninsula; San Fernando, or Newhall, mining district; territory betw. Newport, Orange Co. and the San Diego Co. line; prospect wells in San Diego Co.; productive wells in Los Angeles Co.; prospect and unfinished wells in Los Angeles and Orange cos.; territory betw. Sespe and Piru Creeks; eocene formations in Sespe Creek; productive wells in Sta. Barbara; do. in Ventura Co.; Summerland oil-fields; geological sketch of San Joaquin valley; petroleum in Kern Co.; Kern Co. oil district; Sunset oil district; McKittrick district; Devil's Den district; Kreyenhagen district; Coalinga district; geol. descr. of Monterey Co.; by H. W. Fairbanks; oil-yielding formations of San Luis Obispo Co.; San Benito Co.; Alameda, Sta. Clara, San Mateo, and Contra Costa cos.; Mendocino, Colusa, Humboldt, and Napa cos.; pipe-lines and refineries.
There is also a summary of the oil-yielding formations, character of Cal. petroleum and historic sketch of oil-mining; chapters on geogr. and geol. range of oil-yielding formations in Cal.; full value, etc.
Maps: Geol. sketch map of terr. betw. Los Angeles and Sta. Ana River. 2 m. = 1 in.
Geol. sketch map of portion of foothills of Sta. Ana mts. 2 m. = 2⅛ in.
Geol. sketch map of Los Angeles oil-fields. 3000 ft. = 1½ in.
Same. 1200 ft. = 1⅝ in.
Geol. sketch map of the peninsula of San Pedro. 2 m. = 1⅞ in.
Geol. sketch map s. e. portion of Orange Co. 5 m. = 1⅝ in.
Geol. sketch map of terrs. betw. Sespe and Piru Creeks.
Geol. sketch map of Devil's Gate oil district.
Sketch map of Summerland showing oil wells and wharves.
Map of portion of Kern Co. showing location of McKittrick, Sunset and Kern River oil districts.
Map of Sunset oil district, Kern Co.
Geol. sketch map of Coalinga oil district, Fresno Co.
Map of portion of Cal. showing location of oil district.

1900-1903. Table showing output of petroleum and import of coal, together with price of each. (11 bienn. rept. labor statistics 1902/4: 118.)

1903. Production and use of Cal. petroleum. 230 pp., maps. (State mining bureau bull. 32.)

——. General descr. of 62 representative oil wells, selected from different distrs.; also commercial

NATURAL RESOURCES—cont'd

Mineral—cont'd

PETROLEUM—cont'd

CALIFORNIA—cont'd

analysis of oils produced by each well. 1 sheet. (*Same* bull. 31.)

Also embodied in bull. 32.

1904(?). Chemical analyses of Cal. petroleum. Collated by H. N. Cooper. sheet. 27¾ x 36½ in. (*Same* bull. 31.)

1904. The petroleum industry, and extent to which oil has been substituted for coal, with effect on cost of mnftre. (11 bienn. rept. labor statistics 1902/4: 117-119.)

FRESNO COUNTY

189(?). Map of Oil City oil fields, Fresno Co. (State mining bureau bull. 15.)

LOS ANGELES COUNTY

1895. Petroleum statistics of Los Angeles Co. and of wells of Los Angeles City. (13 rept. state mineralogist 1894/6: 579-582.)

——. Oil as fuel in Los Angeles Co.; by W. L. Watts. (13 *same* 1894/6: 662-664.)

1897. See above, Petroleum; this date.

1903. Register of oil wells, Los Angeles City; with map of Los Angeles City oil field. Data collected Apr., 1903. (State mining bureau.)

1903(?). Map of Los Angeles City oil field. No scale. 24⅛ x 16⅝ in. (*Same.*)

PHOSPHATES

1867-1884. Sketch of history, origin, and development of S. C. phosphates; compiled by A. R. Guerard. (5 A.R. state mineralogist 1884/5: 194-200.)

1889. Comment on Mexican Phosphate and Sulphur Co's. exhibit. (Trans. state agric. socy. 1889: 184-185.)

PLATINUM

1880. Platinum in state. (A.R. state mineralogist 1880: 38.)

1892/4-1894/6. Platinum in Plumas and Trinity cos. (12 rept. *same* 1892/4 (p. 408)—13 *same* 1894/6.)

Del Norte and Humboldt cos. added in 1894/6.

PLUMASITE

1903. Plumasite and oligoclase corundum rock near Spanish Peak; by A. C. Lawson. (Bull. dept. geol. Univ. Cal. v. 3: [219]-229.)

PLUMBAGO

See above, Del Norte and Marin cos.

PRODUCTION

General material only. For production of any particular mineral or metal, see specific entries.

1870-1887. Cumulative comparative table showing ann. products of lead, copper, silver, and gold in states and territories west of Missouri River; deducting and including British Columbia and west coast of Mexico. (6 A.R. state mineralogist 1885/6 pt. 2 (p. 765)—7 *same* 1886/7.)

1882-1885. Historical summary of quantity and value of mineral products of U. S. (6 *same* 1885/6 pt. 2: 128-131.)

1885. Review of quantity and value of mineral products of U. S. (6 *same* 1885/6 pt. 2: 123-127.)

1886-1887. Wells, Fargo & Co's. ann. stmt. of statistics of precious metals product of states and territories west of Missouri River, including British Columbia and Mexico. (6 *same* 1885/6 pt. 2 (pp. 64-67)—7 *same* 1886/7.)

1888. Review of mineral products of U. S.; by D. T. Day. (9 *same* 1888/9: 330-339.)

ARIZONA

1869-1883. Historical table showing value of yield of precious metals. (5 A.R. state mineralogist 1884/5: 207.)

NATURAL RESOURCES—cont'd

Mineral—cont'd

PRODUCTION—cont'd

CALIFORNIA

Mineral production in general; for production of specific mineral, see name.

1879/80. Tables showing production of precious metals of deep mines in state, by cos. and distrs.; also recapitulation, by cos., for yr. endg. May 31—taken from U. S. census. (2 rept. state mineralogist 1880/2: 176-187.)

Amador, Calaveras, El Dorado, Fresno, Inyo, Lassen, Los Angeles, Mariposa, Mono, Napa, Nevada, Placer, Plumas, San Bernardino, San Diego, Shasta, Siskiyou, Trinity, and Tuolumne cos.

1880-1882. Stmt. of mo. receipts of minerals and mineral products at S. F. (2 *same* 1880/2: 20-27.)

1885. Stmt. of bullion production (reported and unreported) of mines of Cal., by cos., from rept. of director of mint. (6 A.R. *same* 1885/6 pt. 2: 63.)

Amador, Butte, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Humboldt, Inyo, Kern, Lassen, Los Angeles, Mariposa, Merced, Modoc, Mono, Napa, Nevada, Placer, Plumas, Sacramento, San Bernardino, San Diego, San Joaquin, Shasta, Sierra, Siskiyou, Stanislaus, Trinity, Tulare, Tuolumne, Yuba cos.

1887-1902. Table showing mineral production of Cal. for series of yrs. (State mining bureau bulls.)

Checklist

1887-1900.	14 yrs.	bull. no. 22.
1887-1901.	15 yrs.	" " 26.
1887-1902.	16 yrs.	" " 29.
1887-1903.	17 yrs.	" " 34.

1893-1895. Stmt. showing amt. and value of all mineral products of state. (12 rept. state mineralogist 1892/4 (p. 12)—13 *same* 1894/6.)

1894-1903. Table showing, by cos., the mineral production of Cal. sheets. (Bulls. state mining bureau.)

Checklist

1894.	bull. no.	7.
1895.	" "	8.
1896.	" "	12.
1897.	" "	13.
1898.	" "	14.
1899.	" "	17.
1900.	" "	21.
1901.	" "	25.
1902.	" "	28.
1903.	" "	33.

1899-1903. Comparative table showing mineral production. (11 bienn. rept. labor statistics 1902/4: 116.)

1901. A few facts concerning the mineral production of Cal. as compared with the total assessed valuation; by E. Aubury, state mineralogist. 10 pp., folder.

Not seen; entry from Bowker.

1902. Mineral products of Cal.; table showing total quantity and value of each and total value of all. (State mining bureau bull. 30: 266.)

——. Rank of the cos. of Cal. as mineral producers, according to value of productions. (*Same* bull. 30: 267.)

1903. Minerals of Cal.—mineral production of 1903; brief descr. of work of state mining bureau; gold production from 1848 to 1904, with other statistical information; map of each co. showing r.r. and stage lines, together with distances. 55 pp. (*Same* bull. 35.)

IDAHO

1862-1884. Historical table showing estimated production of precious metals in Idaho. (5 A.R. state mineralogist 1884/5: 211.)

MEXICO

1877/8-1886/7. Cumulative comparative table of ann. product of gold and silver in Mexico. (6 A.R. state mineralogist 1885/6 pt. 2 (p. 66)—7 *same* 1886/7.)

NATURAL RESOURCES—cont'd

Mineral—cont'd

PRODUCTION—cont'd

MONTANA

1862-1883. Historical table showing estimated ann. production of precious metals in Montana. (5 A.R. state mineralogist 1884/5: 212.)

QUARTZ

See also above, under names of counties.

1854. Stmt. of capital, expenses, and receipts of quarts mining company operating in four mining counties of state, and of capital of 16 new companies commencing operations. (Govs. ann. mess. 1855: 23.)

1855. Stmt., by cos., of quartz mill operations, showing no. of mills, tons crushed, average yield per ton, and amt. realized. (*Same* 1856: 17.)

QUICKSILVER

See also above, Alameda, Colusa, Del Norte, Lake, Mendocino, Napa, San Benito, San Luis Obispo, Sta. Barbara, Sta. Clara, Solano, Sonoma, Stanislaus, and Yolo cos.

1850-1889. Historical table giving ann. yield, average price, and approximate valuation of quicksilver product in U. S.; also recapitulation by decades. (10 A.R. state mineralogist 1889/90: 929.)

1880-1889. Same; giving world's production of quicksilver, by countries. (10 *same* 1889/90: 928.)

1889. Mines and mining—exhaustive article on production of quicksilver from census bull. no. 10, issued at Washington. (10 *same* 1889/90: 920-929.)

CALIFORNIA

1850-1880. Official rept. of production of quicksilver at New Almaden for 27 yrs. and 3 mos.—it being closed by injunction from Nov. 1, 1858, to Jan. 31, 1861. (A.R. state mineralogist 1880: 27.)

1850-1883. Historical table giving ann. production of quicksilver in Cal. mines, Idria mine, Austria, and Almaden mine, Spain; exports from S. F.; and highest and lowest prices in Cal. and in London. (4 *same* 1883/4 foldg. table.)

1850-1884. History and condition of quicksilver industry in state. (4 *same* 1883/4: 338-344.)

1850-1896. Table showing production of quicksilver at New Almaden, Sta. Clara Co., from July, 1850, to Apr. 30, 1896. (State mining bureau bull. 27: 176-177.)

1850-1903. Table giving yrly. production of Cal. quicksilver mines and average price per flask in S. F. in each yr. (*Same* bull. 27: 10.)

1850/1-1893/4. Tabular stmt. of ann. production of quicksilver at New Almaden, Cal., for 41 yrs. and 7 mos.—class and quantity of ore, total lbs., flasks from furnace, etc. (12 rept. state mineralogist 1892/4: 368-369.)

1877-1880. Quicksilver in Cal.; list of principal mines in state and production of each in 1877. (A.R. *same* 1880: 26-27.)

1880-1886. Table showing mo. production of state quicksilver mines for 1885/6 and totals for previous yrs.; also highest and lowest prices in S. F. (6 *same* 1885/6 pt. 1: 103; pt. 2: 72-73.)

1892/4-1894/6. Rept. on quicksilver product, mines, deposits, etc., in Alameda, Colusa, El Dorado, Glenn, Lake, Monterey, Napa, San Benito, S. F., San Luis Obispo, Sta. Barbara, Sta. Clara, Siskiyou, Sonoma, and Trinity cos. (12 *same* 1892/4 (pp. 358-372)—13 *same* 1894/6.)

Alameda, El Dorado, Glenn, Monterey, S. F. and Sta. Barbara omitted in 1894/6; Stanislaus and Yolo added.

1903. The quicksilver resources of Cal.; by Wm. Forstner. 273 pp., 8 maps, illus. (State mining bureau bull. 27.)

Maps as follows: Geol. map of portions of Napa, Sonoma and Lake co. quicksilver districts. 1 m. = 1 in.

NATURAL RESOURCES—cont'd

Mineral—cont'd

QUICKSILVER—cont'd

CALIFORNIA—cont'd

Geol. map of Napa, Sonoma, Lake, and Yolo co. quicksilver districts. 2 m = 1 in.
Geol. map of quicksilver distr. in so. portion of San Benito Co. 1 m. = 1 in.
Geol. map of quicksilver deposits n. w. portion of San Luis Obispo Co. 1 m. = 1 in.
Map of New Almaden mining distr. 2 m. = 1 in.
Geol. map of Stayton mining distr. 1 m. = 1 in.
Map of Little Panoche mining distr. 20 chains = 1 in.

1903. The quicksilver resources of Cal.; by Wm. Forstner. 273 pp., 8 maps, 6 plans. (*Same* bull. 27.)

RHYOLITE

[1893.] Soda-rhyolite north of Berkeley; by C. Palache. (Bull. dept. geol. Univ. Cal. v. 1: [61]-70.)

ROSCOELITE

1874-1882. Notes on roscoelite in Cal. (2 rept. state mineralogist 1880/2: 262-264.)

SALT

1880. Salt in state. (A.R. state mineralogist 1880: 30.)

1892/4-1894/6. Salt in Alameda, Colusa, Riverside, and San Bernardino cos. (12 rept. *same* 1892/4 (pp. 408-409)—13 *same* 1894/6.)

Colusa omitted in 1894/6; Shasta added.

1902. The saline deposits of Cal.; by G. E. Bailey. 216 pp., illus., map. (State mining bureau bull. 24.)

SAND

1880. Black sands from hydraulic and placer mines; mechanical analyses of typical samples. (A.R. state mineralogist 1880: 39-41.)

SANDSTONE

1894/6. Sandstone in Colusa, Contra Costa, Humboldt, Lake, Napa, Sta. Clara, San Mateo, Solano, and Sonoma cos. (12 rept. state mineralogist 1892/4 (pp. 398-400)—13 *same* 1894/6.)

Lake, San Mateo, and Solano omitted in 1894/6; Alameda, Del Norte, Mendocino, Monterey, San Luis Obispo, Sta. Barbara, Shasta, Ventura, and Yolo added.

SERPENTINE

1892/4-1894/6. See below, Steatite; these dates.

1894. Therzolite-serpentine and associated rocks of Portrero, S. F.; by C. Palache. (Bull. dept. geol. Univ. Cal. v. 1: [161]-179.)

SILVER

See also above, Del Norte, Humboldt, Kern, Lake, Marin, Mendocino, Orange, San Benito, San Luis Obispo, San Mateo, Sta. Clara, Sta. Cruz, Sonoma, and Tulare cos.
See also above, Galena.

1888. Notes on hydro-metallurgy of silver; by C. H. Aaron. (8 A.R. state mineralogist 1887/8: 847-864.)

——. The Russell process of extraction of silver. (8 *same* 1887/8: 832-835.)

CALIFORNIA

1861-1884. History of silver mining in Cal.—past production and future prospects. (4 A.R. state mineralogist 1883/4: 361-368.)

1886. Rept. as to probable value of Calistoga silver mines; and of Arrow mining distr., San Bernardino Co., only recently brought to notice as gold and silver region. (6 *same* 1885/6 pt. 1: 76-77.)

1892-1895. See above, Gold; these dates.

1892/4. Rept. on silver mines, deposits, etc., in Alpine, Inyo, Mono, Napa, San Bernardino, and Shasta cos. (12 rept. state mineralogist 1892/4 (pp. 372-378)—13 *same* 1894/6.)

Alpine and Mono omitted in 1894/6; Kern, San Mateo, and Tulare added.

UTAH

1890. Introduction of producer-gas at Marsac Mill, Park City, Utah; by C. A. Stetefeldt. (10 A.R. state mineralogist 1889/90: 897-898.)

NATURAL RESOURCES—cont'd

Mineral—cont'd

SLATE

See also above, Sacramento Co.

1892/4-1894/6. Slates in El Dorado Co. (12 rept. state mineralogist 1892/4 (pp. 400-402)—13 *same* 1894/6.)

SODA

1892/4-1894/6. Soda in Inyo Co.—Inyo development works. (12 rept. state mineralogist 1892/4 (pp. 409-410)—13 *same* 1894/6.)

SPODUMENE

1903. Spodumene from San Diego Co.; by W. T. Schaller. (Bull. dept. geol. Univ. Cal. v. 3: [265]-275.)

STEATITE

1892/4-1894/6. Steatite and serpentine in Amador, Los Angeles, and Tuolumne cos. (12 rept. state mineralogist 1892/4 (p. 402)—13 *same* 1894/6.)

Amador omitted in 1894/6; El Dorado, Napa, and Riverside added.

SULPHUR

See also above, Colusa, Kern, Lake, and Mendocino cos.

1884. Sulphur works in Cal., Nev., and other parts of U. S.—consumption, supply, and prices. (4 A.R. state mineralogist 1883/4: 379-384.)

1892/4-1894/6. Sulphur deposits in Colusa, Kern, and Lake cos. (12 rept. *same* 1892/4 (p. 410)—13 *same* 1894/6.)

Lake only for 1894/6.

TIN

See also above, San Diego Co.

1880. Tin interest in Cal. and other countries. (A.R. state mineralogist 1880: 31-32.)

TRACHYTE

1892/4-1894/6. Trachyte, tufa, and volcanic ash in Amador, Calaveras, Los Angeles, Napa, and Sonoma cos. (12 rept. state mineralogist 1892/4 (pp. 404-405)—13 *same* 1894/6.)

Amador, Calaveras, and Los Angeles omitted in 1894/6; Yolo added.

TRAVERTINE

1892/4-1894/6. Travertine and onyx in Mono, San Luis Obispo, and Solano cos. (12 rept. state mineralogist 1892/4 (p. 403)—13 *same* 1894/6.)

Solano omitted in 1894/6; Mendocino, Sonoma, and Yolo added.

VIVIANITE

1880. On occurrence of vivianite in Los Angeles. (2 rept. state mineralogist 1880/2: 265.)

ZINC

1892/4-1894/6. Zinc in Shasta Co. (Hobbs mine). (12 rept. state mineralogist 1892/4 (p. 411)—13 *same* 1894/6.)

Mineral Springs

See also Mineral above, under the following cos.: Alameda, Colusa, Contra Costa, Fresno, Lake, Marin, Mendocino, Monterey, Sta. Barbara, Sta. Clara, Sta. Cruz, Sonoma, Stanislaus.

1871/3. Rept. on mineral waters and springs of Cal. (2 bienn. rept. bd. health 1871/3: 109-137.)

1879/80. Mineral springs of Cal. (6 *same* 1879/80: 27-57.)

1882. Analysis of water from Ætna Spring, Napa Co. (2 rept. state mineralogist 1880/2: 10-11.)

For other material see also above, under Mineral.

1884/6. Use and abuse of mineral springs of Cal.; by J. W. Robertson. (9 bienn. rept. bd. health 1884/6: 210-216.)

1886. General information about mineral springs of Cal., by cos. (6 A.R. state mineralogist 1885/6 pt. 1: 58-79.)

Alameda, Calaveras, Colusa, Contra Costa, Humboldt, Lassen, Los Angeles, Mendocino, Mono, Monterey, Napa, Placer, San Bernardino, San Diego, San Luis Obispo, Sta. Clara, Sta. Barbara, Shasta, Solano, Tehama, and Tuolumne cos.

NATURAL RESOURCES—cont'd

Mineral Springs—cont'd

1886/7-1887/8. Necessity for analysis of mineral springs; recommending apprn. to enable state analyst to make thorough analysis of same. (10 bienn. rept. bd. health 1886/8: 68-69.)

1890. Analyses of waters from Vichy, Duncan, and Orr's Hot Springs in Mendocino Co. (10 A.R. state mineralogist 1889/90: 313.)

1892. Rept. on mineral springs of Siskiyou Co.; by W. L. Watts. (11 rept. *same* 1890/2: 449-452.)

1892/4. Natural carbonic acid gas in Sta. Clara Co. (12 *same* 1892/4: 407-408.)

1894/6. Rept. on mineral springs in Alameda, Colusa, Contra Costa, El Dorado, Fresno, Inyo, Kern, Lake, Lassen, Los Angeles, Mendocino, Modoc, Mono, Monterey, Napa, Placer, Plumas, San Bernardino, San Diego, San Luis Obispo, Sta. Barbara, Sta. Clara, Shasta, Sierra, Siskiyou, Solano, Sonoma, and Tehama cos. (12 *same* 1892/4 (pp. 331-347)—13 *same* 1894/6.)

El Dorado, Kern, Los Angeles, Modoc, San Bernardino, and San Diego omitted in 1894/6; Alpine, Butte, Humboldt, Marin, San Benito, Sta. Cruz, Trinity, and Ventura cos. added.

Museums

serial

MINERAL CABINET

"Act of March 9, 1887 provided for the removal of the Mineral Cabinet from the state library. It was removed to the E. B. Crocker Art Gallery." (Bowker.)

1 series

1887/8. Ann. rept. of bd. of trustees of mineral cabinet, 1.

In Collected docs. as follows:
1. 1887/8 in App. to jols. 28 sess. v. 2 unnum. doc.

2 series

1888/90-1898/00. Bienn. rept. of bd. of trustee of mineral cabinet, 2-7.

In Collected docs. as follows:
2. 1888/90 in App. to jols. 29 sess. v. 7 unnum. doc.
3. 1890/2 " " " " 30 " v. 7 " "
4. 1892/4 " " " " 31 " v. 6 " "
5. 1894/6 " " " " 32 " v. 5 " "
6. 1896/8 " " " " 33 " v. 1 " "
7. 1898/00 " " " " 34 " v. 3 " "

STATE MUSEUM

1881-1897. Catalogues of state museum of Cal.; being collections made by state mining bureau. Sacramento, 1882-1899.

Checklist

v. 1. 1881. 1882. 350 pp.
———. ———. Same, revised, 1888. 220 pp.
v. 2. 1881-1884. 1885. 220 pp.
v. 3. 1884-1887. 1887. 195 pp.
v. 4. 1887-1890. 1890. 261 pp.
v. 5. 1890-1897. 1899. 292 pp.

Not included in Collected docs.

non-serial

1880. List of donations to museum and library. (Bienn. rept. state mineralogist 1880: 9-14.)

———. The placing of loan collections in the museum to be encouraged; great museums of the world and their importance. (A.R. *same* 1880: 19-22.)

1882. Importance of apptg. bd. of trustees for museum and library and moving same to a more suitable bldg.; serious loss as result of robberies during past yr.; duplicate collections being made for public schools. (2 *same* 1882: 6-7.)

1886. In opinion of state mineralogist state collection of minerals at Sacramento should be joined to one of mining bureau in S. F. (6 A.R. *same* 1885/6 pt. 1: 7.)

1888. Catalogue of minerals and ores in state mineral cabinet at the E. B. Crocker Art Gallery, Sacramento. 93 pp.

Not seen; entry from Bowker.

NATURAL RESOURCES—cont'd

Museums—cont'd

non-serial—cont'd

1890. Recommendation for apprn. for completing work of identifying and listing additional specimens, and re-editing catalogue and for care of and improvements and repairs to cabinet as may be deemed necessary; suggestion that $300 for ensuing biennium. period be named for that purpose. (Bienn. rept. mineral cabinet trustees 1888/90: 6.)

1892. Recommendation for apprn. for use of bd. during two fiscal yrs. ensuing. (*Same* 1890/2: 6.)

——. Catalogue of the library of the state mining bureau. 149 pp.

1894-1900. Recommendation for amdmt. to Assem. bill 134, making it duty of trustees to continue to keep and care for cabinet, provided that no salary shall be paid for their services. (Bienn. rept. mineral cabinet trustees 1892/4 (p. 6)—*same* 1898/00.)

1896. Recommendation for apprn. to enable bd. to make necessary repairs, and to complete re-arrangement and cataloguing of specimens. (*Same* 1894/6: 6.)

1898. Suggestion for apprn. to enable trustees to resume work on revised catalogue and rearrangement of specimens, already begun. (*Same* 1896/8: 5.)

EXPENDITURES FOR

1890. Stmt. of expenditures for repairs of cabinet. (Bienn. rept. mineral cabinet trustees 1888/90: 6.)

1890-1900. Financial stmt. of expenditures. (*Same* 1888/90 (p. 6)—*same* 1898/00.)

No repts. 1894/6-1896/8.

Natural Gas

See also above, Mineral, the following cos.: Colusa, Contra Costa, Lake, Merced, Monterey, Orange, San Francisco, San Joaquin, San Mateo, Sta. Clara, Solano, Sonoma, Stanislaus, Yuba.

1884. Natural gas—economy and utility—nature and extent of supply; extract from "Mercantile, Mnfg. and Mining Interests of Pittsburg," issued by Chamber of Commerce. (5 A.R. state mineralogist 1884/5: 187-190.)

1887. Rept. of W. A. Goodyear on field devoted to petroleums, asphaltums, and natural gas in cos. south of Bay of S. F. (7 *same* 1886/7: 65-114.)

Contra Costa, Fresno, Kern, Los Angeles, Monterey, Sta. Barbara, San Bernardino, Sta. Clara, Sta. Cruz, San Diego, San Luis Obispo, San Mateo, Ventura cos.

——. Rept. of A. H. Weber on field work devoted to natural gas. (7 *same* 1886/7: 180-191.)

——. Natural gas in state; value as a fuel. (7 *same* 1886/7: 55-56.)

——. See also above, Minerals. Petroleum; this date.

1887-1889. Record of formations penetrated by Asylum, Northern and Crown Mills gas wells at Stockton; also Lathrop well. (10 A.R. state mineralogist 1889/90: 561-564.)

1889. Discovery of natural gas at Stockton. (Trans. state agric. socy. 1889: 19.)

1890. The gas well at Summerland; by F. H. Wheelan. (10 A.R. state mineralogist 1889/90: 601-603.)

1892/4-1894/6. Rept. on natural gas; geological conditions where found; wells and foundations in Humboldt, Sacramento, San Joaquin, Siskiyou, and Yolo cos. (13 rept. *same* 1892/4 (pp. 348-352)—13 *same* 1894/6.)

Kings, Marin, Sta. Barbara, Sta. Clara, Solano, and Tulare cos. added in 1894/6; Humboldt, Siskiyou, and Yolo omitted.

Water Power

On account of the predominance of the irrigation interests in Cal. as much allied material as possible has been grouped together there; see Land. Irrigation.

1878-1884. Table giving average mo. discharges, average for periods of three mos. and yrly. means, cubic feet per second; also average drainage basin, square miles, of streams in Cal. and Nev. for 6 yrs (Trans. state agric. socy. 1891: 297-298.)

1885. Communication and res. re. water measurement. 4 pp. (App. to jols. 26 sess. v. 6 unnum. doc.)

1886. Water power and irrigation in state. (6 A.R. state mineralogist 1885/6 pt. 1: 54-57.)

1888. Lakes of San Joaquin Valley; by E. W. Hilgard. 4 pp. (Agric. exper. station, bull. 82.)

ARTESIAN WELLS; see above, that title

NAVAL EDUCATION; see EDUCATION

NECTARINE

Crop; see Agriculture. Crops

NEGRO

Education; see Education. Aliens

Labor; see that title

Population; see that title

NEVADA

Borax Deposits; see Natural Resources. Mineral

Climate; see that title

NEVADA COUNTY (1851)

Artesian Wells; see Natural Resources.

Assessors; see Taxation: State

Bullion Production

1885. See Natural Resources. Mineral. Production; this date.

Clay in; see Natural Resources. Mineral

Copper; see Natural Resources. Mineral. Copper

Forests; see Natural Resources

Geology; see Natural Resources

Gold; see Natural Resources. Mineral. Gold

Granite in; see Natural Resources. Mineral

Horticultural Board; see Agriculture. Horticultural Commissions

Lime in; see Natural Resources. Mineral

Limestone in; see Natural Resources. Mineral

Marble in; see Natural Resources. Mineral

Mines

1879/80. See Natural Resources. Mineral. Production; this date.

Mines and Mining

1889/90-1890/2. See Industries, etc. Mines and Mining.

Mining and Irrigating Canals

1894/6. See Industries, etc. Mining Canals, etc.; these dates.

Silver; see Natural Resources. Mineral. Silver

Surveyor; see Land

NICARAGUA CANAL; see CANALS: INTEROCEANIC

NICOLAUS

Climate; see that title

Rainfall; see Climate

NORMAL SCHOOLS; see EDUCATION

NORTH CAROLINA

Gold Deposits; see Natural Resources. Mineral

NURSERY STOCK

Inspection; see Agriculture. Crops. Inspection

NUTS
Crop; see Agriculture. Crops
Imports; see Commerce, etc.

OAK; see NATURAL RESOURCES. FORESTS

OAKLAND
Climate; see that title
Harbor; see Harbors
Rainfall; see Climate
Temperature; see Climate
Water Front Property; see Land

OCCUPATIONS
Statistics; see Labor

OCTAHEDRITE
Deposits; see Natural Resources. Mineral

OLIVE
Crop; see Agriculture. Crops
Diseases; see Agriculture. Crops. Pests

OLIVE OIL
Manufacture; see Industries, etc.

ONYX; see NATURAL RESOURCES. MINERAL

OPUNTIA FRUIT; see AGRICULTURE. CROPS

ORANGE
Crops; see Agriculture. Crops
Diseases; see Agriculture. Crops. Pests

ORANGE COUNTY (1889)
Coal
1892/4-1894/6. See Natural Resources. Mineral. Coal; these dates.
Copper
1892/4-1894/6. See Natural Resources. Mineral. Copper; these dates.
Galena
1892/4-1894/6. See Natural Resources. Mineral. Galena; these dates.
Geology; see Natural Resources
Gold; see Natural Resources. Mineral. Gold
Horticultural Board; see Agriculture. Horticultural Commissions
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; thees dates.
Silver; see Natural Resources. Mineral. Silver

OREGON
Climate; see that title
Iron Mines; see Natural Resources. Mineral

OROVILLE
Climate; see that title
Rainfall; see Climate

OYSTER; see FISH AND GAME

OWENS VALLEY
Earthquake; see that title

PACIFIC COAST STEAMSHIP COMPANY; see TRANSPORTATION. WATER

PACIFIC SCHOOL JOURNALS; see EDUCATION. EDUCATIONAL JOURNALS

PAJARO VALLEY
Apples Exported; see Commerce, etc.

PANAMA ISTHMUS
Geology; see Natural Resources. Geology

PARASITIC INSECTS; see AGRICULTURE. CROPS. PESTS

PARCELS POST
1902. Favoring post check currency and parcels post—paper and res. (8 bienn. rept. bd. hortic. 1901/2: 405-412; 424.)
1904. The fruit grower and the parcels post. (1 *same* 1903/4: 230-235.)
——. Res. passed by the Fruit Growers' Convention re. post check currency and parcels post; also corresp. re. same. (1 *same* 1903/4: 199-201.)

PARKS: CITY
Los Angeles
serial
1891/2. Rept. of Los Angeles park comrs.
In Collected docs. as follows:
1891/2 in App. to jols. 30 sess v. 7 unnum. doc.
San Francisco
serial
Under Act of April 4, 1870.
1 series
1871/2-1876/7. Bienn. rept. of park comrs. of the city and co. of S. F., 1 et seq.
In Collected docs. as follows:
1. 1871/2 in App. to jols. 19 sess. v. 2 unnum. doc.
2-3. 1873-1875/6 not found.
4. 1876/7 in App. to jols. 22 sess. v. 4 unnum. doc.
2 series
1889/90-1895/6. Ann. rept. of park comrs. of city and co. of S. F., 19-25.
In Collected docs. as follows:

19. 1889/90	in App. to jols.	29	sess.	v. 6	unnum.	doc.
unnum. 1890*	"	"	"	"	29	"	v. 6	"	"
20. 1890/1	"	"	"	"	30	"	v. 7	"	"
21. 1891/2	"	"	"	"	30	"	v. 7	"	"
22. 1892/3	omitted.								
23. 1893/4	in App. to jols.	31	sess.	v. 6	unnum.	doc.
24. 1894/5	"	"	"	"	32	"	v. 5	doc.	[7].
25. 1895/6	"	"	"	"	32	"	v. 5	"	[8].

Golden Gate Park
1876. Rept. of Assem. special committee and testimony re. investigation of affairs of Golden Gate Park, S. F. 6, 160, 120 pp. (App. to jols. 21 sess. v. 4 unnum. doc.)
1893. Rept. re. improvements needed in Golden Gate Park. (Sen. jol. 30 sess. pp. 703-704.)

PARKS: STATE
1879. Establishment of botanical garden urged. (Bienn. rept. agric. college 1878/9: 11.)
Mariposa Big Tree Grove
An area of not to exceed 4 sections, to be taken in legal sub-divisions of ¼ sec. each, was granted to state by act of Congress of June 30, 1864.
serial
See below, Yosemite, serial.
non-serial
1894. Four secs. of land comprising Mariposa Big Tree Grove require large amt. of labor ann. to clear away and burn up dead fallen trees and accumulation of highly combustible material outside and entirely surrounding Big Tree Grove proper, in order to thoroughly protect and preserve big trees from destruction or further injury by fire. (Bienn. rept. Yosemite Valley and Big Tree Grove Comrs. 1893/4: 15.)

* Semi-annual rept.

PARKS: STATE—cont'd

Sutter's Fort

serial

Under Act of March 7, 1891.

1891/2. Bienn. rept. of bd. of Sutter's Fort trustees.
In Collected docs. as follows:
1891/2 in App. to jols. 30 sess. v. 7 unnum. doc.

non-serial

1892-1894. Cost of Sutter's Ft. Trustees; expenditures from apprns. made by state, and cost of prtg. (A. R. bd. examiners dated 1895: 68.)

Yosemite

The cleft, or gorge in the granite peak of the Sierra Nevada Mts. at the headwaters of the Merced River, known as the Yosemite Valley, was granted to Cal. by act of Congress of June 30, 1864. The grant covered a tract of abt. 15 miles in length and one mile from the main edge of the precipice on each side of the valley, the same to be used as a place of public resort.

serial

A

Under Act of April 2, 1866.

1866/7-1901/2. Bienn. rept. of comrs. to manage Yosemite Valley and Mariposa Grove of Big Trees.
In Collected docs. as follows:

1866/7	in App. to jols.	17	sess.	v. 2	doc.	[44].*
1867/9	" " " "	18	"	v. 3	"	[8].*
1870/1	" " " "	19	"	v. 3	unnum.	doc.
1872/3	" " " "	20	"	v. 6	"	"
1874/5	" " " "	21	"	v. 5	"	"
1875/7	" " " "	22	"	v. 3	"	"
1877/9	" " " "	23	"	v. 1	"	"
1880†	" " " "	24	"	v. 3	"	"
1880/2	" " " "	25	"	v. 4	"	"
1883/4	" " " "	26	"	v. 5	"	"
1885/6	" " " "	27	"	v. 1	"	"
1887/8	" " " "	28	"	v. 2	"	"
1889/90	" " " "	29	"	v. 2	"	"
1891/2	" " " "	30	"	v. 7	"	"
1893/4	" " " "	31	"	v. 6	"	"
1895/6	" " " "	32	"	v. 5	doc.	[6].
1897/8	" " " "	33	"	v. 1	"	[17].

1899/00 not printed.
1901/2 in App. to jols. 35 sess. v. 2 doc. [16].

B

1868-1874. [Handbooks.]

Checklist

1868. The Yosemite Book. A description of the Yosemite Valley and the adjacent region of the Sierra Nevada, and of the Big Trees of California. New York, J. Bien, 1868. 116 pp., 2 maps, 28 photos. 4°. (Geological Survey.)
"250 copies only published." (Prime.)
1869. The Yosemite Guide-book. Cambridge, 1870. 155 pp., 2 maps. 4°
Same as preceding, except for few verbal changes, addition of few pages at end and omission of maps.
1871. Same. ed. 2. Cambridge, 1871. vii, 133 pp., 2 maps. 16°.
1874. Same. ed. 3, rev. and corr. Cambridge, 1874. vii, 186 pp., 4 maps. 16°.
1886. Information for the use of Yosemite visitors. 27 pp.
1887. Same. 24 pp.

non-serial

1866-1891. Comparative stmt. giving list of apprns. made for various purposes in valley. (Bienn. rept. Yosemite Valley and Big Tree Grove comrs. 1893/4: 7-8.)

1866/7. Summary of apprns. asked for by Yosemite Valley comrs., etc. (*Same* 1866/7: 14.)

1868. Rept. of special committee of Assem. re. grant of land in Yosemite Valley; with memorial of comn. to manage Yosemite Valley and of J. M. Hutchings. 9 pp. (App. to jols. 17 sess. v. 2 [doc. 48].)

——. Veto of Assem. bill 238, act granting lands in Yosemite Valley. 4 pp. (*Same* 17 sess. v. 2 [doc. 20].)

* Omitted from index to volume.
† Annual.

PARKS: STATE—cont'd

Yosemite—cont'd

non-serial—cont'd

1869-1871. Calling atention to certain suits pending re. Yosemite Valley, granted to state by act of Congress, and advising that state's interests be protected. (Rept. atty. gen. 1868/9 (p. 8)—*same* 1870/1.)

1870. Mess. of Gov. Haight transmitting rept. of Yosemite comrs. and memorial of J. C. Lamon Feb. 4 re. claims of two settlers to unratified grants of land lying in Yosemite Valley, and need of settling matter, in order that improvements may be made in distr., granted by Congress to state, and accepted under a pledge to hold it inalienable. (App. to jols. 18 sess. v. 3 doc. [8].)

1872. Recommendation for apprn. of $12,000 for two fiscal yrs. commencing July 1, 1872, for various improvements in valley and grove. (Bienn. rept. Yosemite Valley and Big Tree Grove comrs. 1870/2: 5.)

1874. Minority rept. on act to provide for construction of wagon roads within limits and betw. Yosemite and Mariposa Big Tree Parks. (Assem. jol. 20 sess. pp. 661-662.)

1877. Recommendation for apprn. of $5000 for purpose of bldg. bridges across the Merced in various portions of Valley. (Bienn. rept. Yosemite Valley and Big Tree Grove comrs. 1875/7: 15-16.)

1882. To preserve from defacement and promote use of Yosemite Valley. 30 pp. (State engr.)
Not seen; entry from Bowker.

——. Recommendation for purchase of Coulterville road to Cascade Falls. (Bienn. rept. Yosemite Valley and Big Tree Grove comrs. 1880/2: 7.)

1882-1884. Comments on enlargement of grant. (*Same* 1880/2 (pp. 10-14)—*same* 1883/4.)

——. Recommendation that legisl. make apprn. sufficient to build hotel in valley, rental of which shall be reasonable percentage of return upon the cost. (*Same* 1880/2 (p. 10)—*same* 1883/4.)

1884. Legality of apptmt. of new comrs. affirmed by U. S. Supreme Court. Wm. Ashburner, plaintiff in error, vs. People of State of Cal.: in error in Supreme Court of state. (*Same* 1883/4: 31-32.)

——. Recommendation for purchase and improvement of picturesque road to Cascade Falls. (*Same* 1883/4: 18.)

——. Same; for widening and otherwise improving road to Mirror Lake. (*Same* 1883/4: 15.)

1886. Rept. of state engr. on preservation and use of Yosemite Valley. (*Same* 1885/6: 13-31.)

——. Recommendation that apprn. for comrs. be increased from $1000 to $1500 per yr. (*Same* 1885/6: 11-12.)

1888. Same; that apprns. be substantial enough to cover expenses of insurance of all state property in valley. (*Same* 1887/8: 19.)

1888-1898. Comments on official acts relating to Yosemite land grant. (*Same* 1887/8 (pp. 5-7)—*same* 1897/8.)

1889. Testimony in the matter of the investigation of the Yosemite Valley comrs. 40, 430 pp. (App. to jols. 28 sess. v. 8 docs. [1, 2].)

——. Rept. on charges agst. mngmt. of Yosemite Valley and Mariposa Big Tree Grove. (Sen. jol. 28 sess. p. 1056.)

——. Special rept. by Stephen M. White. (*Same* 28 sess. pp. 1056-1057.)

——. Rept. on charges preferred agst. comrs. to manage Yosemite Valley and Mariposa Grove of Big Trees. (Assem. jol. 28 sess. pp. 944-950.)

1890. Requirements for the biennium 1891/3. (Bienn. rept. Yosemite Valley and Big Tree Grove comrs. 1889/90: 29-30.)

PARKS: STATE—cont'd
Yosemite—cont'd
non-serial—cont'd
1892. Rept. of executive officer on Yosemite National Park; storage reservoirs; forest reservations; destruction of sequoia groves. (4 bienn. rept. forestry bd. 1891/2: 14-25.)
——. Recommendation for apprn. of $100,000 for purpose of clearing valley and grove; maintaining roads and trails; extending telephone and giving proper water service to hotels; opening out and properly improving the Happy Isles in Merced River; and applying conservative engineering to stream for protection of its banks, and preservation of floor of valley from its destructive overflow. (Bienn. rept. Yosemite Valley and Big Tree Grove comrs. 1891/2: 11.)
1894. Same; that legisl. make liberal apprn. for preservation of park. (*Same* 1893/4: 14.)
1896. Comments on condition of floor of valley; recommendations for clearing valley of old logs and brush. (*Same* 1895/6: 7.)
——. Recommendations for larger apprn.; for better roads; school house to be built of stone; paths of pedestrians constructed on shores of Mirror Lake, and certain points along Merced River; and for clearing floor of valley of brush and trees. (*Same* 1895/6: 10.)
——. Same; for liberal apprn. for general protection and preservation of Yosemite. (*Same* 1895/6: 11.)
——. Comments on electrical lighting in Yosemite Valley; also estimate on same. (*Same* 1895/6: 12-14.)
1897/8. Examinations of Yosemite Valley. (Bienn. rept. dept. of highways 1897/8: 22-23.)
1899. Rept. on Yosemite Valley comrs. (Rept. of committee to make examination of state institutions 1899: 178-179.)
——. Same; in App. to jols. 33 sess. v. 2.
——. Rept. of comn. on roads in Yosemite National Park, Cal. (Bienn. rept. dept. of highways 1899/00: 79-104.)
1902. Suggestion that state build better hotel accommodations in valley; also that, after construction of improvements contemplated, the revenue legitimately derived from valley could be increased almost in proportion to expenditures; recommendation for larger apprn. for general work in preservation of valley. (Bienn. rept. Yosemite Valley and Big Tree Grove comrs. 1901/2: 6-11.)
1903-1904. Repts. of highway comr. to Yosemite Valley comrs. (*Same* 1902/4: 24-29.)
1904. Rept. re. destruction of trees by insects in Yosemite Valley. (*Same* 1903/4: 13-14.)
——. Recommendation for larger apprns. for general work in valley; $100,000 should be set aside for general work during next two yrs., and $20,000 for same period to cover expenses of general work in Mariposa Grove of Big Trees. (*Same* 1903/4: 8-9.)
——. Rept. of state highway comr. on experiment with oil in betterment of road conditions in Yosemite Valley. (*Same* 1903/4: 10-12.)
BY-LAWS, ETC.
1866. By-laws of Yosemite Valley and Mariposa Big Tree Grove comn. 16 pp. 24°.
Not seen; entry from Bowker.
189(?). Laws re. Yosemite Valley and Mariposa Big Tree Grove. 35 pp. 12°.
Not seen; entry from Bowker.
1890-1898. Rules and regulations for govt. of Yosemite Valley and Mariposa Big Tree Grove. (Bienn. rept. Yosemite Valley and Big Tree Grove comrs. 1889/90 (pp. 35-37)—*same* 1897/8.)
——. By-laws of bd. of comrs. to manage Yosemite Valley and Mariposa Big Tree Grove. (*Same* 1889/90 (pp. 38-40)—*same* 1897/8.)

PARKS: STATE—cont'd
Yosemite—cont'd
RECEIPTS AND EXPENDITURES
1866-1877. Stmt. of receipts and expenditures of bd. of comrs. to manage Yosemite Valley and Mariposa Big Tree Grove for 11 yrs. endg. Nov. 12, 1877. (Bienn. rept. Yosemite Valley and Big Tree Grove comrs. 1875/7: 17.)
1880-1894. Cost of Yosemite comn., expenditures from apprns. made by state, and cost of prtg. (A.R. bd. examiners dated 1895: 70.)
1882-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for Yosemite Valley and Mariposa Big Trees. (Bienn. rept. state controller 1880/2 (pp. 68-69)—*same* 1902/4.)
1884-1904. Treasurer's rept. covering all financial transactions of office since Nov. 1, 1884. (Bienn. rept. Yosemite Valley and Big Tree comrs. 1885/6 (pp. 32-35)—*same* 1903/4.)
No rept. 1899/00.
1886-1904. Stmt. of condition of Yosemite fund. (Bienn. rept. state controller 1884/6 (p. 83)—*same* 1902/4.)
1890-1892. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for comrs. of Yosemite Valley. (*Same* 1888/90 (p. 51)—*same* 1890/2.)

PASO ROBLES
Climate; see that title
Rainfall; see Climate

PASSENGER BROKERS
License; see that title

PASSENGER TAX
This is an obsolete tax. When in existence it was levied to provide proceeds for support of Marine Hospital, see Maintenance: State Individual Institutions.

PATENTS AND TRADEMARKS
1903. Trademark laws. 8 pp.
Not seen; entry from Bowker.

PATRONS OF HUSBANDRY; see AGRICULTURAL SOCIETIES

PEACH
Crop; see Agriculture. Crops
Diseases; see Agriculture. Crops. Pests.

PEAR
Crop; see Agriculture. Crops
Diseases; see Agriculture. Crops. Pests

PECAN
Crop; see Agriculture. Crops

PECTOLITE; see NATURAL RESOURCES. MINERAL

PERCH; see FISH AND GAME

PERRIS VALLEY
Climate; see that title

PETALUMA CREEK; see RIVER CONSERVANCY

PETROLEUM; see NATURAL RESOURCES. MINERAL

PHEASANTS; see FISH AND GAME

PHOSPHATE; see NATURAL RESOURCES. MINERAL

PHYLLOXERA; see AGRICULTURE. CROPS. PESTS

PHYSICAL TRAINING; see EDUCATION

PHYSICIANS
License; see that title

PHYSIOLOGY
Education; see that title

PILOTS AND PILOTAGE; see COMMERCE, ETC.

PINES; see NATURAL RESOURCES. FORESTS

PIOUS FUND; see FINANCE: STATE. FUNDS

PLACER COUNTY (1851)
Artesian Wells; see Natural Resources
Assessors; see Taxation: State
Bullion Production
1885. See Natural Resources. Mineral. Production; this date.
Clay in; see Natural Resources. Mineral
Forests; see Natural Resources
Fruit Crop; see Agriculture. Crops
Geology; see Natural Resources
Gold; see Natural Resources. Mineral. Gold
Granite in; see Natural Resources. Mineral
Horticultural Board; see Agriculture. Horticultural Commissions
Mineral Springs in; see Natural Resources
Mines
1879/80. See Natural Resources. Mineral. Production; this date.
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Mining and Irrigating Canals
1894/6. See Industries, etc. Mining Canals, etc.; these dates.
Silver; see Natural Resources. Mineral. Silver
Surveyor; see Land
Taxes; see Taxation: County

PLACERVILLE
Climate; see that title

PLAGUE; see PUBLIC HEALTH. EPIDEMICS

PLATE GLASS INSURANCE; see INSURANCE

PLATINUM; see NATURAL RESOURCES. MINERAL

PLUM
Crop; see Agriculture. Crops
Imports; see Commerce, etc.

PLUMAS COUNTY (1854)
Artesian Wells; see Natural Resources
Assessors; see Taxation: State
Bullion Production
1885. See Natural Resources. Mineral. Production; this date.
Copper; see Natural Resources. Mineral. Copper
Forests; see Natural Resources
Gold; see Natural Resources. Mineral. Gold
Indian Wars; see War Expenditures
Mineral Springs in; see Natural Resources

PLUMAS COUNTY (1854)—cont'd
Mines
1879/80. See Natural Resources. Mineral. Production; this date.
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Mining and Irrigating Canals
1894/6. See Industries, etc. Mining Canals, etc.; these dates.
Platinum in; see Natural Resources. Mineral
Silver; see Natural Resources. Mineral. Silver
Surveyor; see Land
Taxation; see Taxation: County

PLUMASITE; see NATURAL RESOURCES. MINERAL

PLUMBAGO
Deposits; see Natural Resources. Mineral

POLICE; see ADMINISTRATION OF JUSTICE: CITY

POLL TAX; see TAXATION: STATE

POMONA
Rainfall; see Climate
Temperature; see Climate

POPULATION
1850-1886. Comparisons of increase of population in Cal. with some other western states to the disadvantage of Cal.; four causes of slow growth considered: our civilization distrusted, lacking reliable information as to resources, large land holdings, and irrigated agric. needed. (Trans. state agric. socy. 1886: 188-192.)
1870-1890. Comparative table showing increase of population and wealth in the principal irrigation cos. of state since 1870. (A.R. bd. hortic. 1892: 45.)
1880. Census of Cal. excluding Japanese and Chinese, but including Indians not on reservations. (Sen. jol. 24 sess. pp. 22-23.)
1880-1886. Tables giving population in the different cos. in 1880 and 1886 and loss and gain, with comments. (Trans. state agric. socy. 1886: 216-218.)
1881. Rept. of secy. showing population of state, and of S. F. and Sacramento. 7 pp. (App. to jols. 24 sess. v. 1 unnum. doc.)
——. Stmts. showing population of state incl. and excl. Chinese and Japanese. (Sen. jol. 24 sess. pp. 414-416; Assem. jol. pp. 502-504.)
——. Same; incl. Chinese and Japanese. (Sen. jol. 24 sess. p. 264.)
Alien
1853. Majority and minority repts. of committee to whom were referred bills amendatory of "act to provide for protection of foreigners, and to define their liabilities and privileges." 21 pp. (App. to Assem. jol. 4 sess. doc. 28.)
Chinese
See also Labor. Mines; see also below, Receipts and Expenditures, 1892-1894.
1852. Suggestion to encourage immigration, and settlement of Chinese, as being desirable citizens. (Govs. ann. mess. 1852.)
——. No disposition shown by Chinese immigrants to acquire homes or identify themselves with country. (*Same* Apr. 23, 1852.)
——. Govs. mess. re. rapid increase of Chinese immigration, with suggestions for restriction of same. (Apr. 23.) (Sen. jol. 1852: 373-378.)

POPULATION—cont'd

Alien—cont'd

CHINESE—cont'd

1852. Statistics showing rapid increase in Chinese immigration and tonnage employed to provide for same. (Govs. mess. Apr. 23, 1852.)

——. Taxation suggested as method of checking Chinese immigration. (*Same* Apr. 23, 1852.)

——. Rept. on govs. special mess. re. Asiatic emigration. (App. to Sen. jol. 3 sess. pp. 731-737.)

——. Rept. of committee on mines and mining interests desiring legislation by Congress agst. importation of Chinese and peons; protection of citizens by federal laws securing titles in mineral regions, conformably with local laws of such distrs., and by tax on foreign miners. (App. to Assem. jol. 3 sess. pp. 829-835.)

1853. Rept. on system of governing Chinese immigrants established by Chinamen in S. F. (App. to Sen. jol. 1853 doc. 28: 7-12.)

——. Communication from secy. of state in regard to census and Chinese population. 1 l. (*Same* 4 sess. doc. 48.)

1854. Rept. re. evils of large Chinese population. (Sen. jol. 1854: 498-500.)

1855. Suggestions to check increasing Chinese immigration by taxation, with citations showing authority of state to regulate same. (Govs. ann. mess. 1855: 31-36.)

1856. Rept. [adverse] of committee on mines and mining interests to whom was referred memorial of citizens of S. F. which sustains Edw. McGowan, comr. of immigrants, in disregarding provisions of act framed to discourage Chinese immigration. 6 pp. (App. to Assem. jol. 7 sess. doc. [16].)

——. Same; re. petitions praying for reduction of tax upon Chinese immigration and license taxes; committee favors retention of prevailing rates, and exclusion of Chinese. 16 pp. (*Same* 7 sess. doc. [13].)

1858. Rept. on act to prevent further immigration of Chinese or Mongolians to Cal. (Sen. jol. 9 sess. pp. 601-602.)

1859. Protest agst. passage of law to prevent Chinese from landing in state. (Assem. jol. 10 sess. pp. 671-672.)

1862. Rept. of jt. select committee re. Chinese population of . . . . Cal.; favorable to their presence. 12 pp. (App. to jols. 13 sess. doc. 23.)

——. Memorial on dangers of Chinese immigration. (Assem. jol. 13 sess. pp. 544-550.)

1868. Communication from Mechanics' State Council of Cal. re. Chinese immigration. 4 pp. (App. to jols. 17 sess. v. 2 unnum. doc.)

——. Memorial and jt. res. re. Chinese immigration to . . . . Cal.; praying Congress to suspend such an influx of an evil race as now exists. 5 pp. (*Same* 17 sess. v. 2 [doc. 27].)

1870. The Chinese question; rept. of special committee on Assem. bill 13 which proposes to establish a police force for the protection and regulation of the Chinese in Cal. and to prevent coolie and female slavery there; remarks concerning govt. of the Chinese enforced by the "six companies," coolie labor and prostitution. 12 pp. (*Same* 18 sess. v. 2 doc. [26].)

——. Petition of unemployed laborers praying for total exclusion of Chinese race from state because of their cheap labor, which injures wages of said petitioners. 2 ll. (*Same* 18 sess. v. 2 unnum. doc.)

1870/1. Rept. on Chinese and social evil question. (1 bienn. rept. bd. health 1870/1: 44-48.)

1871. Rept. on Chinese immigration. (1 *same* 1870/1: 54-77.)

POPULATION—cont'd

Alien—cont'd

CHINESE—cont'd

1876. Rept. of Senator McCoppin of committee on Chinese. 13 pp. (App. to jols. 22 sess. v. 3 unnum. doc.)

——. Chinese immigration. Testimony taken before a committee of the Sen. 173 pp.

1877. Memorial of the six Chinese companies. An address to the Sen. and House of the U. S. Testimony of Cal's. leading citizens. 1 p. l., 53 pp.

——. Chinese immigration; the social, moral, and political effect of Chinese immigration; policy and means of exclusion; memorial of the Sen. of Cal. to the Congress of the U. S.; and an address to the people of the U. S.; prepared by a committee of the Sen. of Cal.; also an address to the people of the U. S. upon the evils of Chinese immigration, prepared by the committee. 49 pp. (App. to jols. 22 sess. v. 3 doc. [9].)

1877-1879. Suggestion that Congress be memorialized upon subject of Chinese immigration. (Rept. atty. gen. 1876/7 (pp. 4-5)—*same* 1878/9.)

1878. Rept. re. payment of "special committee on Chinese immigration." 4 pp. (App. to jols. 22 sess. v. 4 [doc. 50].)

——. Chinese immigration; its social, moral, and political effect; rept. to Sen. of special committee on Chinese immigration; including testimony as to gambling and prostitution; res. adopted by Congregational churches, addresses, etc. xv, 302 pp. (*Same* 22 sess. v. 3 doc. [8].)

1881. See previous group; this date.

1883. See Agriculture; this date.

1887. Rept. of Sen. Chinese immigration committee verifying stmts. re. filth and criminality of the Chinese races, with a view to propose measures looking towards the removal of the disturbing element from the state. 8 pp. (App. to jols. 27 sess. v. 8 doc. [11].)

——. Same. (Sen. jol. 27 sess. pp. 232-235.)

1889. Chae Chan Ping vs. U. S.—case involving validity of exclusion act passed by Congress. (Rept. atty. gen. 1889/90: 11-12.)

——. Rept. on Chinese immigration and emigration. (Assem. jol. 28 sess. pp. 345-346.)

Betterment

1902. Village improvement in no. part of state. (8 bienn. rept. bd. hortic. 1901/2: 391-392.)

Defectives

Persons interested in this subject should also examine the entries under Maintenance: State. Defectives.

1851-1872. Table showing ann. population of state insane asylum. (2 bienn. rept. bd. health 1871/3: 65.)

1874/5. Rept. of supt. of Insane Asylum at Stockton on increase in insanity. (3 bienn. rept. bd. health 1874/5: 64-67.)

NATIVITY

See also under Maintenance: State Individual Institutions; tables of nativity of patients admitted are sometimes given here.

1854-1855. Same; nativity of each patient, and no. of Americans and foreigners admitted during yr. (Rept. insane asylum 1854 (pp. 25-26)—*same* 1855.)

Delinquents

See entries under Maintenance: State. Delinquents.

Migration

See also Labor. Alien.

1851. Rept. on petition of citizens of Sta. Clara Co. asking suppression of vice and lawlessness, reviewing social conditions of state and urging protection and encouragement of family immigration. (Legisl. jol. 1851: 1483-1486.)

POPULATION—cont'd

Migration—cont'd

1852. Encouragement of immigration suggested. (Govs. ann. mess. 1852.)

——. Law needed to check influx of foreign criminals, with suggestion to demand certificates of character from immigrants at all ports of entry. (*Same* 1852.)

——. Rept. re. transactions and accts. of agts. of Cal. Relief Expedition for relief of overland immigrants. 7 pp. (App. to Assem. jol. 1853 doc. 36.)

——. Fund appropriated for relief of overland emigration. (Govs. ann. mess. 1853.)

——. Immigration retarded by prevailing impression in other states, that greater part of valuable lands are covered by Spanish and Mexican grants. (Govs. special mess. Jan. 30, 1852.)

——. Form of memorial asking federal donations of public land to actual settlers, reviewing damages and heavy costs of immigration, and difficulties of agric. in Cal. as result of Indian hostilities, dryness of country, and excessive price of supplies, etc., and citing contributions of Cal. to prosperity of country as further reason for liberal grants by Congress. (App. to Sen. jol. 1852: 575-592.)

——. Govs. mess. re. expected increase in immigration for yr., urging apprn. for specific purpose of ameliorating sufferings of immigrants. (Sen. jol. 1852: 252-253.)

——. Rept. on act to provide for protection of foreigners, and to define their liabilities and privileges, with suggestions for dealing with question of excessive foreign immigration. (Assem. jol. 1852: 668-669.)

——. Rept. of agts. of Cal. Relief Expedition re. transactions in aid of destitute overland immigrants (no accts. given although expedition was made by means of legislative apprn.). 5 pp. (App. to Sen. jol. 1853 doc. 8.)

1854. Statistics showing large amt. of drafts drawn on Cal. banks in favor of families of citizens in eastern states, as indicating wealth sent out of state as result of great expense and inconvenience of transporting families and illustrating need for practicable overland wagon road. (Govs. ann. mess. 1855: 28.)

1855. Asiatic immigration decreasing as result of restrictive legislation, with suggestion to continue same in force. (*Same* 1856: 29-31.)

——. Suggestion to urge Congress to establish military posts along route of overland immigration. (*Same* 1855: 27.)

——. Review of best route for overland immigration with suggestions for improvement of same in view of probable delay in construction of overland r.r. (*Same* 1855: 28-29.)

——. Attention to agric. increasing and immigrants remaining to establish homes. (*Same* 1856: 7.)

1856. Opinion as to constitutionality of act to discourage immigration of persons who cannot become citizens thereof. (A.R. atty. gen. 1856: 7.)

——. Govs. mess. re. removal for cause of comr. of immigrants of port of S. F., showing said comr. to be delinquent to state for funds acknowledged as recd. in his rept. dated Feb. 14, 1856, and also showing no. of repts. or payments to have been made to controller by him since June 1, 1855, in violation of act of May 3, 1853, requiring such mo. repts. and payments. (Sen. jol. 7 sess. pp. 415-416.)

1859. Rept. re. act to discourage immigration to state of persons who cannot become citizens. (Assem. jol. 10 sess. pp. 466-469.)

1860. Ann. rept. of comr. for protection of emigrants to Cal. N. Y., Dec., 1860. Refers to cases of robbery and swindling of the emigrants at bogus ticket offices in N. Y. 20 pp. (App. to Sen. jol. 12 sess. doc. [8].)

1860. Same. (App. to Assem. jol. 12 sess. doc. [7].)

1861. Rept. on act concerning office of supt. of immigration re. manner in which immigration laws are carried out and amt. of money collected under said laws. (Assem. jol. 12 sess. pp. 417-420.)

1865. The state bd. of agric. as a bureau of immigration; liberal state aid advised for this purpose. (Trans. state agric. socy. 1864/5: 61-63.)

1867. Obstacles in the way of immigration to Cal.; channels of travel in hands of monopolies. (*Same* 1866/7: 429-432.)

1870. Address delivered before Assem. committee on immigration by A. D. Bell, Feb. 1. 23 pp. (App. to jols. 18 sess. v. 2 unnum. doc.)

——. Rept. [favorable] of immigration committee re. Senator Mandeville's bill for establishment of a state immigration bureau. 4 pp. (App. to jols. 18 sess. v. 3 doc. [49].)

1872. Information re. Cal. for immigrants, giving prices and rentals of land, staple products, etc. (Trans. state agric. socy. 1872: 227-239.)

——. Memorial and rept. to the legisl. re. Union's efforts to attract immigration into Cal. by means of agencies, docs., and lectures; an appeal for aid; comparisons are drawn betw. the various land and navigation laws, and growth of population in various states; and the land monopolies are mentioned as discouraging immigration. 71 pp. (App. to jols. 19 sess. v. 3 doc. [1].)

——. Protest and memorial agst. granting apprn. to Immigrant Aid Socy. 5 pp. (*Same* 19 sess. v. 3 unnum. doc.)

1883. Special mess. of Gov. Stoneman re. office of comr. of immigration; stating that so far as can be ascertained, for 3 yrs. no rept. has been made, no money paid by any such officer, or any rept. recd. of cases of leprosy or elephantiasis examined by him, or of any attempt to establish a lazaretto in S. F.; recommending that law relating to the office be amended, and that the bond of the comrs. be raised. 2 ll. (*Same* 25 sess. v. 1 doc. [4.)

——. Same. (Assem. jol. 25 sess. p. 99.)

——. The farmers' children are rushing to the cities thereby robbing the country of its best blood; mental life of farmers must be broadened by improvement of public schools, by establishment of preparatory schools to the Univ., by further patronage of Univ. and Agric. College by farming class. (Trans. state agric. socy. 1883: 126-130.)

——. Rept. of Assem. committee on public expenditures and accts. re. comr. of immigration; finding that his apptmt. of deputies was not legal, and that the law in force is not calculated to secure an honest administration; recommending passage of bill to remedy this, if office is to be continued on acct. of lepers, but suggesting that it be allowed to lapse, should the demand for a comn. cease; with testimony. 27 pp. (App. to jols. 25 sess. v. 3 doc. [3].)

1883-1884. Proceedings agst. comr. of immigration, prison directors, harbor comrs., secy. of state, clerk of Supreme Court, for mismngmt. and peculations in office. (Rept. atty. gen. 1883/4: 3-4.)

1886. Comment on what is being done to encourage immigration. (Trans. state agric. socy. 1886: 13-14.)

1887. Stmt. re. profitable industries in state, in answer to numerous applications for information from persons contemplating immigration to state. (*Same* 1887: 14-15.)

POPULATION—cont'd

Migration—cont'd

1887. Suggestion that an excursion each yr. be arranged to arrive from the East during progress of the State Fair. (*Same* 1887: 21-22.)

1897. Govs. mess. with stmt. from state bd. of trade re. immigration schemes by which immigrants are done great injustice by speculators. (Assem. jol. 32 sess. pp. 720-722; Sen. jol. pp. 639-641.)

1899. Comment on immigration. (Trans. state agric. socy. 1899: 35.)

Receipts and Expenditures

1853-1856. Rept. of comr. of immigrants, pursuant to res. showing no. of Chinese arrivals in port since passage of "Fifty Dollar Act" with collections from same Sept. 1, 1853, to Feb. 1, 1856. (Assem. jol. 1856: 321-322.)

1861. Rept. of commerce and navigation committee re. amt. of moneys collected of immigrants arriving in this state, etc. 9 pp. (App. to Assem. jol. 12 sess. doc. [17].)

1886-1888. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for comr. of immigration. (Bienn. rept. state controller 1884/6 (p. 55)—*same* 1886/8.)

1892-1894. Stmt. of condition of Chinese fund. (*Same* 1890/2 (p. 99)—*same* 1892/4.)

Negro

1849. Exclusion of colored people urged. (Govs. ann. mess. 1849.)

1851. Same. (*Same* 1851.)

Social Evil

See also above, Chinese, under Aliens.

1870/1. Corresp. re. and treatment of social evil question; by A. B. Stout. (1 bienn. rept. bd. health 1870/1: 44-49.)

Vital Statistics; see that title

PORT REGULATIONS; see COMMERCE, ETC.

POSTAL SERVICE

See also Parcels Post.

1852. Postal facilities poor, and taxation for same excessive. (Govs. ann. mess. 1852.)

1853. Rept. of committee on federal relations re. irregularity of mail steamers and need for post road from San Diego to junction of Gila and Colorado rivers. 2 pp. (App. to Sen. jol. 1853 doc. 22.)

1854. Rept. on postage in Cal., showing insufficiency of revenue therefrom as cause of limited postal facilities provided by federal govt. and suggesting increase of rate to 10 cents per letter in Cal. and on letters sent from Cal. as means of providing necessary revenue. (Sen. jol. 1854: 299.)

——. Stmt. of amt. collected from Cal. for postage and amt. paid for mail service within state, showing excess of receipts of federal post office over expenditures. (Govs. ann. mess. 1856: 32.)

1855. Postage rates exorbitant and mail facilities inadequate, and reformation of system demanded. (*Same* 1856: 32.)

1858. Rept. of commerce and navigation committee protesting agst. renewal of contract for carrying mails betw. N. Y., Cal., and Ore., with U. S. and Pacific mail steamship cos.; proposing that two distinct contracts, with distinct cos. be made, and that Cal. Steamship Co. have one of them; wkly. mails, and rules for construction, provisioning, life-saving devices, and inspection of sea-going vessels, are also recommended. 14 pp. (App. to Sen. jol. 9 sess. doc. [9].)

——. Memorial for increasing effectiveness of Pacific mail service. (Sen. jol. 9 sess. pp. 99-104.)

POULTRY RAISING; see AGRICULTURE

PRAIRIE FIRES; see FIRES

PREDACEOUS INSECTS; see AGRICULTURE. CROPS. PESTS

PREMIUMS

Agriculture; see that title

PRESERVATIVES

Manufacture; see Industries, etc.

PRICES

1850. Great reduction in prices of labor, and in property and rents. (Govs. ann. mess. 1851.)

1863. Table giving average prices of certain leading articles of merchandise in S. F. for every mo. and for whole yr. (Trans. state agric. socy. 1863: 269.)

1864/5-1894/5. Comparative table showing average, highest, and lowest price of no. 1 white wheat, spot, for each of a series of yrs. (*Same* 1893 (p. 142)—*same* 1895.)

1865-1895. Comparative stmt. showing fluctuations in price of wheat, in Cal. (at shipping points) for series of yrs. (*Same* 1895: 166.)

1867-1874. Comparative table giving prices in gold of "A1" Cal. wool in S. F. and N. Y. each mo. during past 8 yrs. (*Same* 1874 (pp. 503-506)—*same* 1876.)

1870/1-1892. Cumulative comparative table giving average price of no. 1 white wheat, spot, each serial yr. (*Same* 1888 (p. 240)—*same* 1892.)

1877. Schedule of prices adopted by Pine Mnftres'. Assn., Dec. 9, per thousand feet of lumber. (*Same* 1877: 148-149.)

1882/3-1894/5. Cumulative comparative table giving average price of no. 1 feed barley for each of series of yrs. (*Same* 1890 (p. 227)—*same* 1895.)

1885-1886. Table showing highest and lowest price per cargo of various kinds of foreign coal for 2 yrs. (7 A.R. state mineralogist 1886/7: 172.)

1886-1895. Table giving average, highest, and lowest prices of wheat and barley each mo. at S. F. (Trans. state agric. socy. 1886 (p. 251)—*same* 1895.)

1887-1890. Comment on production of wine since last rept.; stmt. of prices of wine grapes paid during vintage of 1889. (A.R. bd. vitic. comrs. 1889/90: 15-16.)

1888-1890. Official figures of S. F. Produce Exchange Call Bd. Assn. showing highest and lowest prices of wheat options during each mo. (Trans. state agric. socy. 1888 (p. 241)—*same* 1890.)

1890-1893. Stmt. of cash prices in S. F. on first of each mo. for principal articles of produce. (*Same* 1890 (pp. 233-234)—*same* 1893.)

1891-1892. Comparative table showing prices of fruit in Sonoma Co. for 2 yrs. (A.R. bd. hortic. 1892: 279.)

1894. Fresh and dried fruit prices compared. (4 bienn. rept. *same* 1893/4: 404.)

1900-1902. Table showing average butter and cheese prices, in cts. per lb., in S. F. (Rept. dairy bureau 1900/2: 24.)

Quicksilver

1850-1883. Highest and lowest prices in Cal. and in London. (4 A.R. state mineralogist 1883/4 foldg. table.)

PRINCETON

Rainfall; see Climate

PRINTING

Labor; see that title

Public; see Public Printing

PRISON; see MAINTENANCE: STATE

PRUNE
Crops; see Agriculture. Crops
Diseases; see Agriculture. Crops. Pests
Exports; see Commerce, etc.
Imports; see Commerce, etc.

PUBLIC AID: COUNTY
Railroads; see that title

PUBLIC AID: STATE
1853. Rept. [favorable] on rept. of agts. of Cal. Relief Expedition. 7 pp. (App. to Assem. jol. 4 sess. doc. 36.)
——. Rept. of claims committee favoring bill for relief of W. Waldo. 4 pp. (*Same* 4 sess. doc. 45.)
1855. Same; with reference to petition of city of San José for relief. Includes also repts. on claims of Wm. McNees, Dr. Ormsby, and Sen. bill no. 116, entitled an act for the relief of B. Wing and W. H. Williamson. . . . 1 p. l., 2 pp. (*Same* 6 sess. doc. 21.)
1857. Rept. of committee recommending favorable consideration of memorial of Sisters of Mercy for aid. (Sen. jol. 8 sess. p. 323.)
1868. Petition of the officers and trustees of the prison comn. for state aid. 4 pp. (App. to jols. 17 sess. v. 2 [docs. 15 and 37].)
1870. Petition of Associated Veterans of Mexican War, asking for deed to certain lot of land in S. F. 2 ll. (*Same* 18 sess. v. 2 unnum. doc.)
1874. Petition of Ladies' Benevolent Socy. of Sacramento asking for state aid; with rept. of committee on public expenditures on the petition. 8 pp. (*Same* 20 sess. v. 6 [doc. 13].)
1878. Petition of officers and directors of Elliott Library Institute of S. F. 2 ll. (*Same* 22 sess. v. 4 [doc. 21].)
For state aid.
Expenditures for
1859-1862. Stmt. showing amt. expended for relief purposes. (A.R. state controller 1858/9 (pp. 12-13)—*same* 1861/2.)
1865-1873. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for relief purposes. (Bienn. rept. *same* 1863/5 (pp. 44-45)—*same* 1871/3.)
1871. Same; for Mechanics' Institute. (*Same* 1869/71: 70.)
Railroads; see that title

PUBLIC BUILDINGS, GROUNDS, AND MONUMENTS: CITY
San Francisco
1872. Rept. on investigation of alleged fraud in bldg. of city hall of S. F. (Assem. jol. 19 sess. p. 534.)
——. Rept. [favorable] [re. proceedings of City Hall comrs. of S. F., the construction of the bldg., and the alleged frauds; with testimony]. 2 ll., 176 pp. (App. to jols. 19 sess. v. 4 doc. [7].)
1874. Rept. of committee on investigation of affairs of S. F. city hall comn. (Assem. jol. 20 sess. pp. 599-602.)
——. Same. 7 pp. (App. to jols. 20 sess. doc. [11].)
——. Same; with testimony. 289 pp. (*Same* 20 sess. doc. [12].)

PUBLIC BUILDINGS, GROUNDS, AND MONUMENTS: COUNTY
1893. Rept. on bldgs. and grounds of Mendocino Co. (Assem. jol. 30 sess. pp. 307-308.)

PUBLIC BUILDINGS, GROUNDS, AND MONUMENTS: STATE

serial

Committee on Public Buildings and Grounds

A

Assembly Committee

1870-1903. Repts.
In Collected docs. as follows:
1870 in App. to jols. 18 sess. v. 3 doc. [4].
Stockton Insane Asylum.
1872 in Assem. jol. 19 sess. pp. 609-611.
" " App. to jols. 19 sess. v. 2 [doc. 10].
Institution for the Deaf, Dumb, and Blind.
1874 in Assem. jol. 20 sess. pp. 738-744.
" " App. to jols. 20 sess. v. 5 doc. [10].
Napa Insane Asylum.
1878 in App. to jols. 22 sess. v. 4 doc. [48]. 10 pp.
1880 " " " " 23 " v. 5 unnum. doc. 8 pp.
Stockton Insane Asylum, State Normal School, Napa Insane Asylum, Deaf, Dumb, and Blind Asylum.
1883 in Assem. jol. 25 sess. pp. 569-572.
Napa Insane Asylum, Deaf, Dumb, and Blind Asylum, Stockton Insane Asylum, Branch State Normal School (Los Angeles), State University and State Capitol.
1885 in Assem. jol. 26 sess. pp. 608-610.
State Capitol, Agricultural Pavilion, State University, Institution for the Deaf, Dumb, and Blind, Stockton and Napa Insane Asylums, Los Angeles and San Jose State Normal Schools.
1887 in App. to jols. 27 sess. v. 8 doc. [19]. 6 pp.
State Capitol, Agricultural Pavilion, State University. Institution for the Deaf, Dumb, and Blind, Home for the Adult Blind, Napa and Stockton Insane Asylums, San Jose and Los Angeles Normal Schools, Home for the Feeble-minded, Agnews Insane Asylum.
1891 in Assem. jol. 29 sess. pp. 468-472.
State Normal Schools (San Jose, Los Angeles, and Chico), Agnews and Stockton Insane Asylum, San Bernardino Insane Asylum, Whittier Reform School, Deaf, Dumb, and Blind Asylum, Industrial Home for the Blind, Home for Feeble-minded, Orphans' Home Socy. (Los Angeles), Catholic Orphans' Home (Los Angeles).
1903 in Assem. jol. 35 sess. pp. 373-377.
Cal. Polytechnic School, Institution for Deaf, Dumb, and Blind, State Normal Schools at San Diego, Los Angeles, San Jose, and San Francisco.

B

Senate Committee

1874-1895. Repts.
In Collected docs. as follows:
1874 in Sen. jol. 20 sess. pp. 663-664.
Napa Insane Asylum.
1876 in Sen. jol. 21 sess. p. 304.
Stockton Insane Asylum.
1878 in App. to jols. 22 sess. v. 4 doc. [31]. 9 pp.
Institution for Deaf, Dumb, and Blind; University of California; State Normal School; Napa and Stockton Insane Asylums.
1883 in App. to jols. 25 sess. v. 3 doc. [2]. 8 pp.
Napa Insane Asylum, Deaf and Dumb Asylum, State University, Stockton Insane Asylum, San Jose and Los Angeles Normal Schools.
1885 in App. to jols. 26 sess. v. 6 unnum doc. 6 pp.
State Capitol, Agricultural Pavilion, State University, Deaf, Dumb, and Blind Asylum, Insane Asylums at Stockton and Napa, Normal Schools at San Jose and Los Angeles.
1895 in Sen. jol. 31 sess. pp. 634-637.
Mendocino and Napa Insane Asylums, Home for Feeble-minded, Veterans' Home.

C

Joint Committee

1876. Rept. 76 pp. (App. to jols. 21 sess. v. 5 unnum. doc.)
Napa Insane Asylum, Deaf, Dumb, and Blind Asylum, State Capital, State Agric. Society's Grounds, State University.

non-serial

1853. Suggestion to abolish office of supt. of public bldgs. as unnecessary. (Govs. ann. mess. 1853.)
1893. Govs. mess.; public bldg. for various state offices, etc. (Sen. jol. 30 sess. pp. 542-543; Assem. jol. pp. 516-518.)
1899. Map of Cal. showing location of state bldgs., institutions, and property. (Cal. blue book or state roster 1899.)

PUBLIC BUILDINGS, GROUNDS, AND MONUMENTS: STATE—cont'd

Capitol

serial

1 series

Under Act of April 18, 1850.

1862-1863. Ann. rept. of state capitol comrs.
In Collected docs. as follows:
1862 in App. to jols. 14 sess. unnum. doc.
1863 " " " " 15 " v. 2 unnum. doc.

2 series

1863/5-1873/5. Bienn. rept. of capitol comrs, 1 et seq.
In Collected docs. as follows:

1.	1863/5	in App. to jols.			16	sess.	v. 2	unnum.	doc.
unnum.	1865/7	"	"	"	17	"	v. 3	"	"
"	1867/9	"	"	"	18	"	v. 3	"	"
"	1869/71	"	"	"	19	"	v. 4	"	"
"	1871/3	"	"	"	20	"	v. 2	"	"
"	1873/5	"	"	"	21	"	v. 3	"	"

3 series

In the interim betw. the close of the 2d and the beginning of the 4th series, no rept. was issued by the capital comrs. The substance of the repts. is given in brief form in the govs. messages of these years.

4 series

Under Act of March 13, 1889.

1888/90-1900/2. Rept. [bienn.] of the capitol comrs.
In Collected docs. as follows:

1888/90	in App. to jols.			29	sess.	v. 1	unnum. doc.
1890/2	"	"	"	30	"	v. 1	" "
1892/4	"	"	"	31	"	v. 1	" "
1894/6	"	"	"	32	"	v. 1	" "
1894/6	" Sen. jol. 32 sess. pp. 14-16.						
1896/8	" Assem. jol. 33 sess. pp. 32-33.						
1898/00	" App. to jols. 34 sess. v. 1 doc. [3].						
1900/2	"	"	"	35	"	v. 1	" [4].

non-serial

1850. Rept. of special committee on rooms for use of the Sen. (App. to Sen. jol. 1 sess. pp. 399-400 doc. A2.)

1852. Rept. of supt. of public bldgs. concerning furnishing of public offices and committee rooms. (*Same* 3 sess. pp. 594-596.)

1853. Same; re. furniture of public bldgs. 4 pp. (App. to Assem. jol. 4 sess. doc. 9.)

1855. Suggestion to provide means for erection of state bldgs. at seat of govt. by sale of public bldg. lands donated to state by act of Congress approved Mch. 3, 1853. (Govs. ann. mess. 1855: 36-37.)

1856. Majority and minority repts. re. proposed act to provide $300,000 for construction of state capitol at Sacramento. (Assem. jol. 1856: 769-771.)

1857. Rept. of committee on public lands on act to provide for construction of state capitol in Sacramento with recommendation that it receive immediate consideration. (Sen. jol. 8 sess. pp. 729-730.)

1858. Communication from Jos. Nongues stating terms on which he will build state house. (*Same* 9 sess. pp. 354-355.)

1860. Communication from atty. gen. re. title to land occupied for state capitol purposes. (*Same* 12 sess. pp. 340-342.)

——. Rept. of capital committee re. permanent location for capital; offering propositions from several cities but recommending erection of state capitol at Sacramento. 10 pp. (App. to Sen. jol. 11 sess. doc. [17].)

1863. Estimate of construction of floors of state capitol bldg. with brick arches, supported on wrought-iron beams, etc.; also estimate of cost of constructing all floors with wooden beams and flooring. (A.R. capitol comrs. 1862/3: 11-12.)

1864. Rept. of Assem. committee on public bldgs., with rept. of architect with specifications and estimates of cost of state capitol bldg. 35 pp. (App. to jols. 15 sess. v. 2 unnum. doc.)

PUBLIC BUILDINGS, GROUNDS, AND MONUMENTS: STATE—cont'd

Capitol—cont'd

non-serial—cont'd

1864. Rept. of committee on public bldgs. re. new capitol bldg. 4 pp. (*Same* 15 sess. v. 2 unnum. doc.)

1865. Estimate for completing parts of bldg. specified in rept. within next 2 yrs. (Bienn. rept. capitol comrs. 1865/7: 16.)

——. Estimate of cost of design presented Nov. 30, 1865. (*Same* 1864/5: 19.)

——. Estimate for completion of state capitol bldg. (*Same* 1864/5: 15-22.)

1865-1873. Architect's rept. showing detailed description of several estimates. (*Same* 1864/5 (pp. 22-24)—*same* 1872/3.)

1867. Estimate for completion of bldg. excepting statuary and pictures of rotunda. (*Same* 1865/7: 13.)

1868. Rept. of Sen. state property inquiry committee re. disposition of certain property belonging to state; viz., furniture, carpets, etc., from the capitol bldgs.; with testimony. 13 pp. (App. to jols. 17 sess. v. 2 [doc. 6].)

——. Rept. of jt. public bldgs. committee re. construction of state capitol; favorable to manner and material of its construction; with testimony. 96 pp. (*Same* 17 sess. v. 1 doc. [11].)

1869-1871. Stmt. giving approximate cost of finishing bldg. (Bienn. rept. capitol comrs. 1867/9 (p. 15)—*same* 1870/1.)

1870. Mess. of Gov. Haight, returning without his approval Sen. bill 310; act referring to the salaried comrs. amendatory of an act to provide for construction of state capitol in Sacramento; gov. also calls attention to practice of naming in bills officers who are to execute the proposed laws, as not properly a legislative function. 2 ll. (App. to jols. 18 sess. v. 3 doc. [38].)

1872. Testimony taken before public bldgs. and grounds committee re. construction of state capitol. 168 pp. (*Same* 19 sess. v. 4 doc. [9].)

1874. Architect's rept. on acoustics of Assem. chamber. 9 pp. (*Same* 20 sess. v. 4 [doc. 14].)

1876. Veto of Sen. bill 248 to provide for keeping of capitol grounds. 5 pp. (*Same* 21 sess. v. 5 unnum. doc.)

1883. See Public Buildings, etc. serial A; this date.

189(?). Specifications of labor, materials, and mechanical workmanship to be furnished for erection of basement story walls of state capitol. 7 pp.
Not seen; entry from Bowker.

1890. Comments on improvement of state capitol grounds. (Bienn. rept. capitol comrs. 1889/90: 3-5.)

——. Recommendation for apprn. for repairs of state capitol. (A.R. bd. examiners dated 1891: 30.)

1896-1904. Recommended repairs for state capitol. (Bienn. rept. state dept. 1894/6 (pp. 13-15)—*same* 1902/4.)

1897. Rept. re. sanitary condition of Sen. chamber and capitol bldg. (Sen. jol. 32 sess. pp. 621-622.)

Executive Mansion

1871. Rept. of architect of govs. mansion. (Bienn. rept. capitol comrs. 1870/1: 14-15.)

1874. Rept. on new "govs. mansion"; wholly unsuitable for purposes for which it was intended; recommendation for drainage of grounds. (Assem. jol. 20 sess. pp. 1095-1096.)

Expenditures for

1862-1869. Stmt. of condition of public bldg. fund. (A. R. state controller 1861/2 (pp. 70-71)—bienn. rept. *same* 1867/9.)

PUBLIC BUILDINGS, GROUNDS, AND MONUMENTS: STATE—cont'd

Expenditures for—cont'd

1864/5-1869. Public bldg. fund; receipts and payments. (A.R. state treasurer 1864/5 (p. 18)—bienn. rept. *same* 1867/9.)

CAPITOL

1863. Stmt. of comparative cost of freestone and other materials for outside finish of state capitol bldg. (A.R. capitol comrs. 1862/3: 13.)

——. Stmt. showing amt. expended by state capitol comrs. to Dec. 1, 1863, under provision of act of Apr. 20, 1863. (*Same* 1862/3: 9-10.)

1863-1865. Stmt. giving estimates recd. during past 3 yrs. and amt. that has been expended for 3 yrs. (Bienn. rept. *same* 1864/5: 5.)

1863-1867. Stmt. giving amts. derived from special tax for construction of state capitol bldg. (*Same* 1865/7: 5.)

1863-1875. Stmt. of expenditures upon state capitol bldg. from Dec. 1, 1863, to Nov. 1, 1875. (*Same* 1864/5 (pp. 14-15)—*same* 1874/5.)

1863-1879. Stmt. of condition of capitol fund. (A.R. state controller 1862/3 (pp. 86-87)—bienn. rept. *same* 1877/9.)

1864/5-1879. State capitol fund; receipts and payments. (A.R. state treasurer 1864/5 (p. 12)—bienn. rept. *same* 1877/9.)

1867. Stmt. giving expenditures for labor on capitol during past 5 mos. (Bienn. rept. state capitol comrs. 1865/7: 8.)

1869/71. State capitol bonds interest fund; receipts and payments. (A.R. state treasurer 1869/71: 20.)

1869/71-1875. State capitol special fund; receipts and payments. (*Same* 1869/71 (p. 19)—bienn. rept. *same* 1873/5.)

1871. Stmt. of condition of state capitol special fund. (Bienn. rept. state controller 1869/71: 104-105.)

1871-1873. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for state capitol. (*Same* 1869/71 (p. 77)—*same* 1871/3.)

——. Stmt. of state capitol bonds interest and sinking fund. (*Same* 1869/71 (pp. 106-107)—*same* 1871/3.)

1871-1880. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for construction of state capitol. (*Same* 1869/71 (p. 57)—*same* 1879/80.)

1871/3-1875. State capitol bonds interest fund of 1870; receipts and payments. (A.R. state treasurer 1871/3 (p. 14)—bienn. rept. *same* 1873/5.)

——. State capitol special fund, 1872; receipts and payments. (*Same* 1871/3 (p. 22)—bienn. rept. *same* 1873/5.)

——. State capitol bonds interest fund of 1872; receipts and payments. (*Same* 1871/3 (p. 14)—bienn. rept. *same* 1873/5.)

1873. Stmt. of state capitol bonds interest and sinking fund of 1872. (Bienn. rept. state controller 1871/3: 150-151.)

——. Stmt. showing amt. expended for labor and materials in different depts. from Jan. 1, 1872, to Nov. 1, 1873. (Bienn. rept. capitol comrs. 1872/3: 5-6.)

——. Stmt. giving approximate cost of what is required or may be added, excepting statuary and pictures in rotunda. (*Same* 1872/3: 13.)

1873-1877. Stmt. of condition of state capitol special funds of 1870 and 1872. (Bienn. rept. state controller 1871/3 (pp. 122-123)—*same* 1875/7.)

1881-1896. General stmt. of apprns. and expenditures for repairs to capitol bldg. and furniture and purchase of carpets, etc. (Bienn. rept. state dept. 1894/6: 10.)

PUBLIC BUILDINGS, GROUNDS, AND MONUMENTS: STATE—cont'd

Expenditures for—cont'd

CAPITOL—cont'd

1882-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for state capitol bldg. and grounds. (Bienn. rept. state controller 1880/2 (p. 61)—*same* 1902/4.)

1884-1893. Apprns. made by legisl. for public bldgs., permanent improvements, and purchase of sites, etc., which do not include maintenance or running expenses of institutions. (A.R. bd. examiners dated 1895: 64-66.)

1892. Comment on improvements; and stmt. of money expended under contract, and money remaining in apprn. (Bienn. rept. capitol comrs. 1891/2: 5-7.)

——. Itemized stmt. of expenditures. (*Same* 1893/4: 3-4.)

1896. Stmt. giving receipts and expenditures. (*Same* 1895/6: 3-4.)

1900-1902. List of apprns. for maintenance of state capitol grounds for 1899/00 and stmt. showing how expended. (*Same* 1899/00 (p. 3)—*same* 1901/2.)

EXECUTIVE MANSION

1871. Stmt. giving pay-roll of executive mansion, with recapitulation. (Bienn. rept. capitol comrs. 1870/1: 15-16.)

——. Same; approximate cost of finishing executive mansion. (*Same* 1870/1: 16.)

1871-1873. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for govs. mansion. (Bienn. rept. state controller 1869/71 (p. 77)—*same* 1871/3.)

VENTILATION

1896. Ventilation of public bldgs.; by W. W. Oates. 8 pp.
Rept. proc. ann. state sanitary conv. 1896.

Land Grant; see Land: State

Marshall Monument

serial

Under Act of 1887 making an apprn. for monument to James Marshall, discoverer of gold in Cal.

1894-1898. Rept. of guardian of Marshall monument.
In Collected docs. as follows:
1894 in App. to jols. 31 sess. v. 6 doc. [9].
1896 omitted.
1898 in App. to jols. 33 sess. v. 1 doc. [19].

non-serial

1890. Rept. of Marshall monument comn. on erection of a monument to James W. Marshall, the discoverer of gold. 2 ll., 1 pl. (App. to jols. 29 sess. v. 7 doc. [6].)

PUBLIC HEALTH

serial

Under Act of March 19, 1870

REPORTS

1870/1-1902/4. Bienn. rept. of state bd. of health, 1-18.
In Collected docs. as follows:
1. 1870/1 omitted.
2. 1871/3 in App. to jols. 20 sess. v. 5 [doc. 21].
3. 1873/5 " " " " 21 " v. 3 unnum. doc.
4. 1876/7 " " " " 22 " v. 1 " "
5. 1878/9 " " " " 23 " v. 2 " "
6. 1879/80 " " " " 24 " v. 2 " "
7. 1880/1 " " " " 25 " v. 4 " "
8. 1882/3 " " " " 26 " v. 3 " "
9. 1884/6 " " " " 27 " v. 2 " "
10. 1886/8 " " " " 28 " v. 6 " "
11. 1888/90 " " " " 29 " v. 7 " "
12. 1890/2 " " " " 30 " v. 3 " "
13. 1892/4 " " " " 31 " v. 6 " "
14. 1894/6 " " " " 32 " v. 6 doc. [1].
15. 1896/8 not printed.
16. 1898/00 in App. to jols. 34 sess. v. 2 doc. [4].
17. 1900/2 " " " " 35 " v. 2 " [6].
18. 1902/4 " " " " 36 " v. 3 " [5].

PUBLIC HEALTH—cont'd

serial—cont'd

MONTHLY CIRCULARS

1880-1904. Mo. circulars. 4°.
Issued on abt. the 10th day of each mo. Sanitary and vital statistics.
In Documents as follows:
1880-1900/2 in 6 bienn. rept. bd. health 1878/80 (pp. 7-10)—17 *same* 1900/2.
In 6 and 7 repts. called "Abstr. of repts. of deaths," in 8th-10th repts. "Rept. of deaths"; in 11th-14th repts. "Monthly review of deaths," and thereafter as above.

PREVENTABLE DISEASE CIRCULARS

[1880-1904.] [Circulars.]
Checklist
unnum. n. d. Facts for the people concerning smallpox and vaccination. 8 pp.
Entry from Bowker.
unnum. 1880. Circular following prevalence of smallpox. (6 bienn. rept. bd. health 1879/80: 9.)
unnum. 1880. Circular on the importance of vaccination, and urging its general adoption by the people; Aug. 3. 4 pp.
Surgeon General's Library.
unnum. 1883. Information for the public. Diphtheria. Circular . . .; May 29. 9 pp.
Surgeon General's Library. Also in 8 bienn. rept. bd. health 1882/4: 128-132.
unnum. 1885. Preventable disease circulars—Facts for the people concerning cholera. 8 pp.
Surgeon General's Library. Also in 9 bienn. rept. bd. health 1886: 34-51.
unnum. 1891. (?) Preventive disease series. Diphtheria; its restriction and prevention. Useful information published for general distribution. 6 pp.
Surgeon General's Library.
no. 4. (sic.) 1894. Preventive disease series. Restriction and prevention of cholera. 8 pp.
Surgeon General's Library.
no. 4. (sic.) 1894. Preventive disease series. School hygiene. Addressed to the public school teachers of California. 8 pp.
Surgeon General's Library.
no. 5. n. d. Consumption (pulmonary tuberculosis); its restriction and prevention. 8 pp.
unnum. 1894. Tests for impurities in drinking water; by W. Anderson. 6 pp.
Also pubd. in Proc. State Sanitary Convention, 1894. Not seen; entry from Bowker.

non-serial

1870-1886. Consolidated sick rept., Ft. Bidwell. (9 bienn. rept. bd. health 1884/6: 195-197.)
1874/5. Rept. of committee of Cal. State Medical Socy. on state medicine and public hygiene. (3 *same* 1874/5: 229-232.)
1877. Memorial acc. Sen. bill 614, re. establishing a state venereal hospital. 6 pp. (App. to jols. 22 sess. [doc. 7].)
1882/4. Effect of irrigation of agric. lands particularly in Cal., upon public health; by H. S. Orme. (8 bienn. rept. bd. health 1882/4: 51-59.)
1884/6. Climatology and diseases of so. Cal.; by H. S. Orme, pres. state bd. of health. (9 *same* 1884/6: 117-131.)
1896. Facilities for treatment of contagious diseases in public institutions of Cal.; by A. E. Osborne. 9 pp.
Rept. Proc. Ann. State Sanitary Convention, 1896.
——. The gymnasium from the standpoint of the sanitarian; by W. W. Hitchcock. 7 pp.
Rept. Proc. Ann. State Sanitary Convention, 1896.
——. Rept. of delegate to national conference of state bds. of health. (14 bienn. rept. bd. health 1894/6: 98-100.)

Board of Health
See also below, Local Boards.
1870. Rept. [favorable] of Assem. committee on hospitals re. bill 101, act to create a state bd. of health. 4 pp. (App. to jols. 18 sess. v. 3 doc. [7].)

Diseases
1870/1. Table showing diseases, accidents, and deaths in 38 lodges I. O. O. F. for 6 mos. from July, 1870. (1 bienn. rept. bd. health 1870/1: 52-54.)

PUBLIC HEALTH—cont'd

Diseases—cont'd
1872. Rept. of committee apptd. to inquire into causes of endemic dysentery in San Joaquin Valley. (2 *same* 1871/3: 157-159.)
1875. Forest culture as prophylactic to miasmatic diseases. (3 *same* 1874/5: 151-156.)
In its local application.
1880/2. Necessity of passing law providing for r.r. inspection, in regard to contagious diseases. (7 *same* 1880/2: 61-64.)
1886. Irrigation in relation to malarial diseases in Cal.; by H. C. Growder. (9 *same* 1884/6: 132-133.)
——. Suppl. rept. on prevailing diseases about Alturas and so. end of Goose Lake Valley. (9 *same* 1884/6: 197-198.)
1896. Facilities for treatment of contagious diseases in public institutions of Cal. (14 *same* 1894/6: 199-206.)

ALCOHOLISM
1884/6. Drinking habit in Cal.; its effect on state. (9 bienn. rept. bd. health 1884/6: 134-136.)
1896. Rept. of committee on suppression of inebriety; by P. C. Remondino of San Diego. (14 *same* 1894/6: 101-122.)
1898/00. Data re. effect of alcohol upon health and lives of population, submitted by bd. of health. (16 *same* 1898/00: 34-39.)
The law creating the Cal. state bd. health directs that inquiry be made as to effect of use of intoxicating liquor as a beverage upon industry, prosperity, etc., of citizens of state.

CONSUMPTION
1870/1. Rept. on subject of consumption and sanatorium. (1 bienn. rept. bd. health 1870/1: 43-44.)
1874/5. Remarks on climate of S. F. and of Cal., with special relation to pulmonary disorders; made by H. Gibbons. (3 *same* 1874/5: 235-242.)
——. Rept. on climatology of Cal. and consumption. (3 *same* 1874/5: 93-150.)
1875. Malarial fevers and consumption in Cal., in their relations to irrigation, drainage, cultivation of soil, etc. (3 *same* 1874/5: 113-150.)
1876/7. Relations of climate of Cal. to consumption. (4 *same* 1876/7: 38-60.)
1879/80. Inheritance of pulmonary disease, its possible eradication, with special reference to climate of San Diego; by pres. of Cal. state bd. of health. (6 *same* 1879/80: 74-76.)
188(?). Preventive disease series [no. 5]. Consumption (pulmonary tuberculosis); its restriction and prevention. 8 pp. (State bd. health.)
1894. Prevention of contagious and infectious diseases, with special reference to tuberculosis; by W. Anderson. 14 pp.
Repr. Proc. Ann. State Sanitary Conv., 1894.
——. Same. (13 bienn. rept. bd. health 1892/4: 316-327.)
——. Plea for prevention of tuberculosis; by Geo. M. Kober. 12 pp.
Repr. Proc. Ann. State Sanitary Conv., 1894.
——. Same. (13 bienn. rept. bd. health 1892/4: 328-337.)
——. Tuberculosis; its communicability and prevention; by W. F. Wiard. 12 pp.
Repr. Proc. Ann. State Sanitary Conv., 1894.
——. Same. (13 bienn. rept. bd. health 1892/4: 294-303.)
——. The sanitary control of tuberculosis; by S. S. Herrick. 8 pp.
Repr. Proc. Ann. State Sanitary Conv., 1894.
——. Same. (13 bienn. rept. bd. health 1892/4: 304-309.)

PUBLIC HEALTH—cont'd
Diseases—cont'd
CONSUMPTION—cont'd
1896. Imperative need of strict sanitary regulations agst. spread of consumption in Southern Cal.; by P. C. Remondino of San Diego. (14 *same* 1894/6: 206-215.)
1902/4. Rept. on prevalence of diseases as tuberculosis, typhoid fever, leprosy, and smallpox. (18 *same* 1902/4: 14-18.)
DIPHTHERIA
1882/4. Preventable disease circular re. diphtheria, containing information for public. (8 bienn. rept. bd. health 1882/4: 128-132.)
1885. Diphtheria; prevalence in various places in Cal.; principal cause is negligence due to lack of penalty. (9 *same* 1884/6: 41-44.)
1886/8. Rept. on prevalence of diphtheria, scarlet fever, measles, typhoid fever in state. (10 *same* 1886/8: 53-61.)
1888/9. See below, Epidemics. Smallpox; this date.
1891(?). Preventive disease series. Diphtheria; its restriction and prevention. Useful information published for general distribution. 6 pp. (State bd. health.)
Surgeon General's Library.
1896. Rept. on diphtheria anti-toxin; by J. H. Davisson. 7 pp.
Rept. Proc. Ann. State Sanitary Convention, 1896.
——. Same. (14 bienn. rept. bd. health 1894/6: 269-274.)
LEPROSY
See also below, Expenditures.
1871-1890. Table of lepers in S. F., showing yr. of admission, nativity, color, sex, etc. (11 bienn. rept. bd. health 1888/90: 192-197.)
1890. Paper on subject of leprosy, its extent and control and geographical distribution; by H. S. Orme, pres. state bd. of health. (11 *same* 1888/90: 177-214.)
Hist. of cases in Cal.
1902/4. See above, Consumption; this date.
SCARLET FEVER
1885. Scarlet fever; limited mortality; places where prevalent. (9 bienn. rept. bd. health 1884/6: 44-46.)
1886/8. See above, Diphtheria; this date.
1888/9. See below, Epidemics. Smallpox; this date.
TRICHINIASIS
1886. Rept. on trichiniasis cases at Susanville, Lassen Co. (9 bienn. rept. bd. health 1884/6: 49-51.)
TYPHOID FEVER
1885. Typhoid fever; general comment; relation of impure water to typhoid; observations on the Davis Creek epidemic. (9 bienn. rept. bd. health 1884/6: 46-49.)
1886/8. See above, Diphtheria; this date.
1888/9. See below, Epidemics. Smallpox; this date.
1896. Typhoid fever from a financial standpoint; by Thomas Ross. 4 pp.
Rept. Proc. Ann. State Sanitary Convention, 1896.
——. Same. (14 bienn. rept. bd. health 1894/6: 194-199.)
1902/4. See above, Consumption; this date.
Epidemics
1877/9. On danger from pestilence in Cal.; by H. Gibbons. (5 bienn. rept. bd. health 1877/9: 87-90.)
1880/2. Rept. on epidemics, constitutional diseases, local diseases, diseases of nervous system, and developmental diseases in Cal. (7 *same* 1880/2: 13-32.)
CHOLERA
1850. Heavy loss of life from cholera. (Govs. ann. mess. 1851.)

PUBLIC HEALTH—cont'd
Epidemics—cont'd
CHOLERA—cont'd
1894. Preventive disease series [no. 4]. Restriction and prevention of cholera. 8 pp. (State bd. health.)
Surgeon General's Library.
PLAGUE
1900-1904. Rept. on subject of plague in S. F. (18 bienn. rept. bd. health 1902/4: 8-14.)
1901. Rept. of special health comrs. apptd. by gov. to confer with federal authorities at Wash. re. alleged existence of bubonic plague in Cal.; also rept of state bd. of health. 48 pp. (App. to jols. 35 sess. v. 2 doc. [5].)
——. Same. (Assem. jol. 35 sess. pp. 46-56; Sen. jol. pp. 49-59.)
As printed in the jols. the telegrams and correspondence comprising pp. 13-37 of the document, are omitted.
SMALLPOX
See also below, Vaccination.
18(?). Facts for the people concerning smallpox and vaccination. 8 pp. (unnum. Preventable disease circular; state bd. health.)
1876/7. Precautions taken agst. spread of smallpox in S. F. (4 bienn. rept. bd. health 1876/7: 11-12.)
1880. Circular following prevalence of smallpox. (6 *same* 1879/80: 9.)
1880/2. Rept. on prevalence of smallpox in 1880 and 1881. (7 *same* 1880/2: 45-61.)
1885. Smallpox; prevalent in Canada; less danger to Cal. from Canada than from China, Japan, and Mexico; comment. (9 *same* 1884/6: 39-41.)
1886. On smallpox epidemic in Cal. (10 *same* 1886/8: 45-48.)
1886/8. Smallpox in S. F.; by S. S. Herrick. (10 *same* 1886/8: 136-141.)
1887. Smallpox in Stockton; by C. A. Ruggles, health officer. (10 *same* 1886/8: 142-144.)
——. Epidemic of smallpox in St. Jago de Cuba in 1887; by P. C. Hartman. (10 *same* 1886/8: 145-146.)
——. Smallpox in Los Angeles in 1887; by H. S. Orme, pres. state bd. of health. (10 *same* 1886/8: 119-135.)
1888/90. Rept. on prevalence of smallpox, diphtheria, scarlet fever, measles, and typhoid fever, showing character of each disease. (12 *same* 1888/90: 53-66.)
1902/4. See above, Diseases. Consumption; this date.
YELLOW FEVER
1883. First appearance of yellow fever in Cal. (8 bienn. rept. state bd. health 1882/4: 13-17.)
1885. Yellow fever; outbreak in Mazatlan. (9 *same* 1884/6: 37-39.)
1886. Yellow fever in Cal.; by A. M. Perry. (9 *same* 1884/6: 219.)
——. Yellow fever considered in its relation to state of Cal.; by W. Nelson. (9 *same* 1884/6: 220-240.)
1886/8. Bacteriological researches on yellow fever in Havana. (10 *same* 1886/8: 228-234.)
——. Cuba in its relation to so. U. S., its danger as disease-producing center; by W. Nelson. (10 *same* 1886/8: 234-241.)
——. Isthmus of Panama considered as disease-producing and distributing center; by W. Nelson. (10 *same* 1886/8: 247-251.)
——. Rept. of special inspector re. visiting so. portion of state and Mexican ports to ascertain whether yellow fever existed there. (10 *same* 1886/8: 69-71.)
Expenditures for
1870/1-1902/4. Stmt. showing condition of apprn. for bd. of health. (1 bienn. rept. bd. health 1870/1 (pp. 10-11)—18 *same* 1902/4.)

PUBLIC HEALTH—cont'd

Expenditures for—cont'd

1882-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for state bd. of health. (Bienn. rept. state controller 1880/2 (p. 59)—*same* 1902/4.)

1882/4. Receipts and payments on leprosy fund. (A. R. state treasurer 1882/4: 14.)

1884-1894. Stmt. of condition of leprosy fund. (Bienn. state controller 1882/4 (p. 83)—*same* 1892/4.)

1892. Recommendation that leprosy fund, and interest and sinking fund, levee distr. no. 5 be abolished and moneys in treasury to their credit be transferred to general fund. (*Same* 1890/2: 26.)

Health Resorts

1870/1. Rept. upon subject of medical topography and climatology in Cal. (1 bienn. rept. bd. health 1870/1: 70-75.)

——. Rept. of M. H. Biggs on vital statistics and medical topography of Sta. Barbara. (1 *same* 1870/1: 75-83.)

——. Abstr. of D. B. Hoffman on medical topography, etc., of San Diego Co. (1 *same* 1870/1: 83-86.)

1871/3. Climate and diseases of Los Angeles Co. (2 *same* 1871/3: 153-156.)

1880/2. Southern Cal. channel islands as health resorts; by J. P. Widney. (7 *same* 1880/2: 67-69.)

——. Seaside health resorts of Cal.; by F. W. Hatch. (7 *same* 1880/2: 85-103.)

1894. Indio; Colo. Desert for health. (13 *same* 1892/4: 271-272.)
Temperature, rainfall, etc., of this health resort.

1896. Colo. Desert as a sanitarium; by M. F. Price. (14 *same* 1894/6: 215-220.)

——. Same; separate. 7 pp.

Laboratories

1902/4. Necessity of establishing chemical and bacteriological laboratory, recommending that apprn. be made for same. (18 bienn. rept. bd. health 1902/4: 20-21.)

Laws

1880. Health laws of Cal. (6 bienn. rept. bd. health 1879/80: 109-135.)

1900. The sanitary laws of Cal. (16 *same* 1898/00: 84-127.)

Local Boards

1850. Table: receipts and expenditures of bd. of health of S. F. for first quarter, endg. Aug. 5. (Suppl. rept. comptroller 1850.)

1884. Circular from state bd. of health to bds. of trustees and local bds. of health urging observance of sec. 3061, art. 5, ch. 2, of political code, re. organization of local bds. of health. (8 bienn. rept. bd. health 1882/4: 133-138.)

Quarantine

1851. Act establishing quarantine at S. F. burdensome to commerce and repeal of same urged. (Govs. ann. mess. 1851.)

1883. Rept. of committee of state bd. of health on state quarantine; apptd. by virtue of Sen. jt. res.; consideration of localities suitable for a quarantine station on S. F. Bay, and of the bldgs. which will be necessary; mentions as desirable, part of Angel Is. and Pt. Richmond, and urges haste as land for the purpose is constantly becoming more difficult to buy. 6 pp. (App. to jols. 25 sess. v. 3 doc. [6].)

——. Same; with map. (8 bienn. rept. bd. health 1882/4: 17-19.)

1884. Rept. of quarantine officer at Yuma, giving his last acct. for season to state bd. of health. (8 *same* 1882/4: 139.)

PUBLIC HEALTH—cont'd

Quarantine—cont'd

1884/6. Necessity of quarantine along so. frontier of Cal. (9 *same* 1884/6: 217-218.)

1886/8. The quarantine methods of La.; by J. Holt. (10 *same* 1886/8: 256-272.)

——. Rept. on quarantine station at port of S. F. (10 *same* 1886/8: 42-44.)

1890. Letter from supervising surgeon gen., U. S. M. H. S., on quarantine work in contemplation upon grounds in S. F. Bay and San Diego. (11 *same* 1888/90: 53.)

1892. Rept. of work in selecting site for refuge station for quarantine purposes near Yuma. (13 *same* 1892/4: 18-21.)

1893. Communication from secy. of state bd. of health to supervising surgeon gen. M. H. S., Wash., D. C., re. governmental control of land quarantine betw. territories and states. (13 *same* 1892/4: 25-26.)

1894. Rept. on sanitary condition, mngmt., and state of affairs of quarantine station at San Diego. (13 *same* 1892/4: 176-177.)

1895. Final rept. of committee on public health and quarantine. (Assem. jol. 31 sess. pp. 1116-1118.)

1904. Comment on fortifications and quarantine. (Bienn. rept. San Diego harbor comrs. 1902/4: 11.)

Sanitation

serial

STATE SANITARY CONVENTION

1893-1896. Ann. rept., 1-4.
1. 1893 Sacramento, 1893. 76 pp., 1 leaf.
2. 1894 in 13 bienn. rept. state bd. of health 1892/4: 230-342.
3. 1895 Sacramento, 1895. 102 pp.
4. 1896 in 14 bienn. rept. state bd. of health 1894/6: 177-278.

non-serial

1870/1. Sanitary reform in ventilation of tenement and school houses recommended. (1 bienn. rept. bd. health 1870/1: 4-6.)

1874/5-1882/3. Rept. on mortuary and sanitary statistics, in nature of sanitary history of yr. (3 *same* 1874/5 (pp. 21-48)—8 *same* 1882/4.)

1876/7. Rept. on sanitary condition of city front of S. F., with chart showing projected sanitary improvement. (4 *same* 1876/7: 82-83.)

1879/80. Sanitary condition of city of Sacramento. (6 *same* 1879/80: 58-73.)

1880/2. Factories as sanitary agts.; by J. P. Widney. (7 *same* 1880/2: 83-84.)
In its local application.

1882/4. Rept. of committee on salubrity of public institutions, schools, hospitals, prisons, and factories. (8 *same* 1882/4: 105-116.)

1888. Hist. of legislation to provide complete sanitary organization. (10 *same* 1886/8: 38-39.)

1888/90. Sanitation in Los Angeles; by D. G. MacGowan, health officer. (11 *same* 1888/90: 244-245.)

1890. Recent progress of sanitation in Cal., and present sanitary needs; by W. R. Cluness. (11 *same* 1888/90: 223-234.)

1890/2. Local sanitary regulation. (12 *same* 1890/2: 32-33.)
Relating to Cal. cities.

1894. Sanitation of dwellings, public bldgs., and thoroughfares; by J. H. Davisson. 7 pp.
Repr. Proc. Ann. State Sanitary Conv., 1894.

——. Same. (13 bienn. rept. bd. health 1893/4: 266-270.)

——. Sanitation; by W. W. Oates. 5 pp.
Repr. Proc. Ann. State Sanitary Conv., 1894.

——. Same. (13 bienn. rept. bd. health 1893/4: 291-293.)

1895. Important facts and practical difficulties encountered in enforcing sanitation; by G. W. Davis. 6 pp.

——. Same. (3 state sanitary conv. 1895: 98-101.)

PUBLIC HEALTH—cont'd

Sanitation—cont'd

non-serial—cont'd

1895. Street sanitation; by W. F. McNutt. 5 pp.
——. Same. (3 state sanitary conv. 1895: 42-45.)
1896. House ventilation; by D. B. Van Slyck. 8 pp.
Repr. Proc. Ann. State Sanitary Conv., 1896.
——. Same. (14 bienn. rept. bd. health 1894/6: 230-236.)
——. Yard sanitation; by A. E. Regensburger. 5 pp.
Repr. Proc. Ann. State Sanitary Conv., 1896.
——. Same. (14 bienn. rept. bd. health 1894/6: 189-193.)
——. Street cleaning and disposal of garbage; by H. S. Orme. 6 pp.
——. Same. (14 bienn. rept. bd. health 1894/6: 182-189.)
Repr. Proc. Ann. State Sanitary Conv., 1896.

Laws; see above, that title

Schools; see Education. School Hygiene

State Institutions; see Maintenance: State

Vaccination

1880. Circular on the importance of vaccination, and urging its general adoption by the people; Aug. 3. 4 pp. (unnum. Preventable disease circular; state bd. health.)
Surgeon General's Library.
1882/4. Facts concerning vaccination, and sanitary rules to be observed during prevalence of smallpox in Cal. (8 bienn. rept. bd. health 1882/4: 124-127.)
1884/6. Importance of vaccination; urging adoption of compulsory vaccination in schools, regulations of other states on subject. (9 *same* 1884/6: 58-60.)
1887/8. First ann. rept. of Pacific Coast Vaccine Station. (10 *same* 1886/8: 160-164.)
Only one found.
1888. Hist. of legislation to provide compulsory vaccination. (10 *same* 1886/8: 40-41.)
1902/4. Necessity of vaccination. (18 *same* 1902/4: 18-19.)

PUBLIC OWNERSHIP AND REGULATION

Baths

1877/9. Rept. on abattoirs and public baths; by A. B. Stout. (5 bienn. rept. bd. health 1877/9: 94-103.)
——. Same; separate. 12 pp., 1 map.

Markets; see that title

Wharves and Docks; see that title

PUBLIC PRINTING

serial

Under Act of March 9, 1850.

1 series

1850-1852

1851-1852. Ann. rept. of state prtr.
In Collected docs. as follows:
1851 in Legisl. jol. 2 sess. 1851: 581-587 870-876.
1852 in App. to Sen. jol. 3 sess. 1852: 546-547.

2 series

1852-1854

There was no state printer during this time. Contracts for printing were let by the governor and controller.

3 series

1854-1872

Under Act of May 1, 1854. No reports were issued during this time.

4 series

1872-1904

Under Act of March 26, 1872.

1875/7-1902/4. Bienn. rept. of supt. of state prtg.
In Collected docs. as follows:

1875/7	in App. to jols.			22	sess.	v. 1	unnum.	doc.	
1877/9	"	"	"	"	23	"	v. 1	"	"
1879/80*	in App. to jols.			24	sess.	v. 1	unnum.	doc.	
1880/2	"	"	"	"	25	"	v. 1	"	"
1882/4	"	"	"	"	26	"	v. 1	"	"
1884/6	"	"	"	"	27	"	v. 1	"	"
1886/7*	"	"	"	"	28	"	v. 1	"	"
1886/8	"	"	"	"	28	"	v. 1	"	"
1888/90	"	"	"	"	29	"	v. 1	"	"
1890/2	"	"	"	"	30	"	v. 1	"	"
1892/4	"	"	"	"	31	"	v. 1	"	"
1894/6	"	"	"	"	32	"	v. 1	doc.	[10].
1896/00	"	"	"	"	34	"	v. 1	"	[8].
1900/2	"	"	"	"	35	"	v. 1	"	[11].

non-serial

1850. Rept. of public prtg. committee [submitting "a bill creating the office of state prtr."] (App. to Sen. jol. 1 sess. pp. 406-407 doc. C.)
——. Atty. gens. opinion re. construction of law fixing pay of lieut. gov. and comptroller gens. duty as to auditing prtg. and contingent accts. (Legisl. jol. 1849/50: 514-516.)
——. Rept. on controversy over prtg. rates and contracts, urging importance of early apptmt. of state prtr. (*Same* 1849/50: 539-542.)
——. Letter from state prtr. re. possibility of great reduction in cost of public prtg. if same is done in Atlantic States, urging advisability of same. (*Same* 1849/50: 561-562; 1130-1131.)
——. Review of causes of excessive expenses for public prtg., and reduction of same urged. (A.R. comptroller 1850.)
——. Communication from state prtr. re. excessive cost of prtg. govs. mess. as result of impossibility of procuring proper size of paper in state. (Legisl. jol. 1849/50: 724.)
——. Govs. mess. re. excessive cost of prtg. acts and comns. in certain newspaper. (*Same* 1849/50: 511-513.)
——. Rept. of committee on public prtg., on form of bill for apptmt. of state prtr., and urging his immediate apptmt. [bill not given]. (*Same* 1849/50: 406-407.)
1851. Letter of resignation from state prtr., showing insufficient pay as reason for same, and impossibility of realizing full amts. on state warrants with which paid. (*Same* 1851: 753-755.)
——. Copy of proposals recd. from each newspaper in state for publication and distribution of laws. (*Same* 1851: 1542-1546.)
——. Communication urging abolition of office of state prtr. and letting out prtg. by contract. (*Same* 1851: 705-708.)
——. Comments on state prtg. (A.R. state comptroller 1850/1: 507-508.)
Paging from Collected docs.
——. Recommendation to abandon any further experiments in extending circulation of laws by newspaper publication, upon system adopted at close of last sess. (*Same* 1850/1: 507.)
Paging from Collected docs.
1852. Rept. urging adoption of contract system of letting out public prtg., reviewing systems employed in various other states in support of same. (App. to Sen. jol. 1852: 689-694.)
——. Rept. re. objections to contract system for public prtg., urging necessity for retaining office of state prtr. (Assem. jol. 1852: 210-212.)
1853. Rept. of claims committee in relation to prtg. of laws. 1 l. (App. to Assem. jol. 4 sess. doc. 54.)
——. Comments on state prtg.; also recommendation that paper used for prtg. be purchased or contracted for at same time and in same manner as practiced

* Rept. for 1 yr. only.

PUBLIC PRINTING—cont'd

non-serial—cont'd

by state in purchase of stationery, etc., for legisl. (A.R. state comptroller 1852/3: 45.)

1854. Contract system for public prtg. adopted pursuant to act approved Apr. 29, 1852, more expensive than dept. system and enactment urged to re-establish office of state prtr. (Govs. ann. mess. 1854: 25.)

1856. Rept. of portion of select committee apptd. to ascertain facts re. publishing amdmts. to constitution in Spanish. 6 pp. (App. to Assem. jol. 7 sess. doc. [18].)

——. Rept. condemning practice of paying clerks of legisl. for furnishing copies of jols. to state prtr. authorized under prtg. act of 1852, but not allowed under act of 1854, showing heavy cost to state of said practice. (Sen. jol. 1856: 183.)

——. Rept. of committee on part of Assem. to examine proposals for translating laws into Spanish naming lowest bidder and urging his apptmt. as state translator. (Assem. jol. 1856: 479.)

——. Veto of act to provide for publication of laws of state as compiled and digested by W. H. R. Wood. (Sen. jol. 7 sess. p. 879.)

——. Rept. of committee on part of Sen. to examine proposals, for translating laws, naming lowest bidder and recommending his apptmt. as state translator. (*Same* 7 sess. pp. 505-506.)

——. Rept. of special committee on official advertisements, showing enormous charges agst. state for same, with list of papers suggested as official advertisers for various depts. (*Same* 7 sess pp. 435-436.)

1857. Veto of act amendatory of and suppl. to act to create office of state prtr. and define duties and compensation thereof, and to provide for time and manner of election. (*Same* 8 sess. pp. 667-668.)

1863. Rept. on no. of copies made of each rept. that was prtd. (*Same* 14 sess. p. 90.)

——. Comments on military dept., also suggestion for discontinuance of publishing laws, decrees, regulations, etc., in English and Spanish. (A.R. state controller 1862/3: 8-9.)

1868. Proposals for copying Sen. jol. and app. 4 pp. (App. to jols. 17 sess. v. 2 unnum. doc.)

1877. Stmt. of statutes delivered and sold and amt. recd. from sales. (Bienn. rept. state dept. 1875/7: 10-11.)

——. Memorial of widow of late state prtr., deceased. 4 pp. (App. to jols. 22 sess. v. 4 [doc. 9].)

Re. claim of state prtr. for prtg. of Trans. of State Agric. Socy.

——. Suggestions re. prtg. the statutes. (Bienn. rept. supt. prtg. 1875/7: 15.)

1877-1879. Table showing name, weight, no. of reams, and value of paper stock purchased, consumed, and on hand. (*Same* 1875/7 (pp. 16-18)—*same* 1877/9.)

1880. Comments on new system. (*Same* 1879/80: 7.)

——. Comments on work performed in state prtg. office. (*Same* 1879/80: 6-7.)

——. Stmt. giving value of machinery, material, and stock on hand, July 1. (*Same* 1879/80: 9.)

——. Comments on value of property on hand, and recommendation for sale of engine and purchase of one more economical and better suited to work to be performed. (*Same* 1879/80: 8.)

1880-1896. Stmt. of stock on hand July 1, 1880, amt. purchased and consumed, and amt. on hand. (*Same* 1880/2 (pp. 6-7)—*same* 1894/6.)

1882. Comments on publication of school books, lithographing and engraving, and recommendation for apprn. of $45,000 for state prtg. during yr. legisl. does not meet; $80,000 for yr. in which there is a sess. (*Same* 1880/2: 13.)

PUBLIC PRINTING—cont'd

non-serial—cont'd

1882. Comments on Supreme Court repts.; suggestion that repts. be copyrighted and sold to dealers at wholesale rates, state reserving no. required for distribution to state officers, courts, etc. (*Same* 1880/2: 12.)

1882-1884. Table giving estimated value of property at state prtg. office. (*Same* 1880/2 (p. 9)—*same* 1882/4.)

1883. Suggestion that clerk of courts be allowed sum of $5000 for preparing general analytical index of cases in court. (A.R. bd. examiners dated Jan. 1, 1881, to Dec. 31, 1882: 19.)

1886. Stmt. showing statutes, repts., and debates sold and distributed during two fiscal yrs. endg. July 1, 1886. (Bienn. rept. state dept. 1884/6: 10.)

——. Comments on bindery—state work dept. (*Same* 1884/6: 14.)

——. Table showing amt. and cost of state property in state prtg. office. (*Same* 1884/6: 8.)

——. Recommendation for bldg. fire-proof vault adjoining electro room in which to store duplicate plates of text-books. (*Same* 1884/6: 18.)

——. Stmt. showing value of stock (material) on hand June 30, 1886; also value of work done on first edition of state text-books. (*Same* 1886/7: 15-17.)

——. Stmt. giving cost of text-book plant, expenses incidental to organization of establishment for mnftre. of state series of school books, together with proportion properly belonging to state prtg. for depts. and text-book fund. (*Same* 1884/6: 21-23.)

——. Table showing cost of supplies for text-book dept., including plant, and grand total of expenditures for dept. (*Same* 1884/6: 24-25.)

1886-1888. Table giving bindery stock for state dept. work. (*Same* 1884/6 (pp. 15-16)—*same* 1887/8.)

1886-1889. Stmt. of indebtedness incurred in text-book dept. during yr. endg. June 30. (*Same* 1886/7 (p. 14)—*same* 1888/90.)

1887. Stmt. showing deficiency in text-book dept. for yr., due Sullivan, Kelly & Co. for their acct. certified to and deposited with state bd. of examiners. (*Same* 1886/7: 15.)

——. Suppl. rept. of supt. of prtg. to Gov. Washington Bartlett, explaining increase of expenditures, and value of the text-book dept. 9 pp. (App. to jols. 27 sess. v. 1 doc. [11].)

——. Cause of delay in publication of irrigation rept. and maps, present condition and estimate of time and apprn. necessary for its completion. (Rept. state engr. 1885/6: 3-6.)

——. Stmt. showing result of state text-book mnfg. business during yr. endg. June 30, 1887, in applying thereto (excepting arithmetic) costs of mnfg. said text-books. (Bienn. rept. supt. prtg. 1886/7:17.)

——. Same; no. and value of text-books sold and delivered during yr. on orders from state supt. of public instruction. (*Same* 1886/7: 19.)

——. Price of statutes of Cal. $2.50 per vol. fixed by bd. Apr. 22, 1887. (A.R. bd. examiners dated 1889: 36.)

1888. Recommendation that better provision be made for placing published irrigation rept. before public. (Rept. state engr. 1887/8: 5-6.)

——. Table showing no. and value of books on hand July 1, 1888, and no. of books completed during yr.; with recapitulation. (Bienn. rept. supt. prtg. 1886/8: 13.)

1888-1890. Same; no. of each book mnftred. and value. (*Same* 1888/90: 16-17.)

PUBLIC PRINTING—cont'd

non-serial—cont'd

——. Same; estimated cost of service performed for various state officers, comns., etc. (*Same* 1887/8 (p. 5)—*same* 1888/90.)

——. Comments on bldgs. and grounds. (*Same* 1886/8 (pp. 8-9)—*same* 1888/90.)

1888-1892. Table exhibiting no. and value of books sold and donated during yr. (*Same* 1886/8 (pp. 12-13)—*same* 1892/4.)

1889-1904. Table showing amt. of paper bought, consumed, and remaining on hand. (*Same* 1889/90 (p. 15)—*same* 1902/4.)

1892. Same; estimated amt. of work performed for several state officers and institutions. (*Same* 1890/2: 7-8.)

1892-1900. Same; paper and envelopes purchased during yr. and stock on hand June 30. (*Same* 1890/2 (pp. 12-13)—*same* 1896/00.)

1893-1904. Stmt. giving school book sales and no. of school books on hand. (*Same* 1892/4 (p. 10)—*same* 1902/4.)

1894. Recommendation that sec. 333 of political code be further amended so that no part of any rept. shall be prtd. unless so ordered by bd.; also that no. to be prtd. shall be left to discretion of bd. (A.R. bd. examiners dated 1895: 51.)

——. Comments on repts. to gov. and legisl. (*Same* dated 1895: 51-52.)

1894-1904. Stmt. giving value of stock on hand July, as determined by inventory. (Bienn. rept. supt. prtg. 1892/4 (pp. 5-7)—*same* 1902/4.)

1894/5-1896. Same; unfinished work in bindery and press-room at close of yr. (*Same* 1894/6 (p. 17)—*same* 1894/6.)

1894/5-1897. Table showing no. of vols. of text-books delivered to warehouse during fiscal yr.; also proportion of cost of same during yr. (*Same* 1894/6 (p. 17)—*same* 1896/00.)

1896-1900. Tables giving various items of legislative work as divided betw. both branches; also those items belonging to bodies jointly. (*Same* 1894/6 (pp. 13-14)—*same* 1896/00.)

——. Stmt. giving amt. of prtg. for depts., institutions, etc. (*Same* 1894/6 (pp. 10-11)—*same* 1896/00.)

——. Same; inventory of stock on hand July 1. (*Same* 1894/6 (pp. 24-28)—*same* 1896/00.)

1897. On fixing price of statutes at $3 per copy. (A.R. bd. examiners dated 1899: 20.)

——. Veto of act making apprn. for support of state prtg. office for 48th fiscal yr. (Assem. jol. 32 sess. pp. 475-491.)

——. Rept. and communications re. charges made by gov. agst. mngmt. and conduct of business and affairs of state prtg. office. (*Same* 32 sess. pp. 1399-1414.)

——. Stmt. concerning charges made agst. state prtg. office re. bill appropriating $75,000 for carrying on said office for remainder of fiscal yr. (*Same* 32 sess. pp. 657-658.)

1897-1900. On embarrassment in matter of prtg. which office of state supt. has endured for lack of adequate funds. (19 rept. supt. public instruction 1898/00: 7.)

1899. Govs. mess. re. claims presented by newspapers for sums of money for publication of constitutional amdmts. (Assem. jol. 33 sess. pp. 642-643.)

——. Rept. on state prtg. office. (Rept. of committee to make examination of state institutions 1899: 176-177.)

——. Same; in App. to jols. 33 sess. v. 2.

1900-1904. Price list of statutes, books, and maps. (Bienn. rept. state dept. 1898/00 (p. 25)—*same* 1902/4.)

PUBLIC PRINTING—cont'd

non-serial—cont'd

1901. Recommendation to bring U. S. History [i. e. school text-book] up to date, and to suggest a revision of two geographies in relation to changes brought about by war with Spain. (Bienn. rept. supt. prtg. 1900/2: 19.)

——. Rept. on investigation of state prtg. office. (Sen. jol. 34 sess. pp. 82-108.)

1901-1904. Table giving purchase of paper, cardboard and envelopes; with inventory of stock. (Bienn. rept. supt. prtg. 1900/2 (pp. 9-15)—*same* 1902/4.)

1902/4. Table showing amt. of prtg. executed for several depts. of state. (*Same* 1902/4: 7-8.)

1903. Same; no. of unfinished books in bindery on Jan. 5 and June 30. (*Same* 1902/4: 19.)

——. Stmt. giving no. of finished books in warehouse and no. recd. in warehouse from July 1, 1902, to Jan. 5, 1903. (*Same* 1902/4: 18.)

——. Summary of school book business. (*Same* 1902/4: 20.)

1904. Recommendation for apprn. to be made for enlarging and strengthening bldg. used as prtg. office, or that apprn. be made for erection of bldg. as permanent prtg. office on site other than capitol grounds. (*Same* 1902/4: 44.)

Expenditures

1850. Stmt. of state prtr. of aggregate cost of work done to Mch. 22. (Legisl. jol. 1849/50: 1062-1063.)

——. Rept. of state prtr. on cost of work executed Jan. 11 to Apr. 15, with estimated cost of work ordered but not yet executed. (*Same* 1849/50: 1218-1219.)

1851-1852. Rept. of committee apptd. to examine and settle accts. of state prtr. (Sen. jol. 1854: 343-349; Assem. jol. pp. 355-360.)

1852-1853. Rept. on vouchers for state prtg., showing amt. of overpayments on same. (Sen. jol. 1854: 530-534.)

1853-1862. Stmt. showing expense of prtg. (A.R. state comptroller 1852/3 (pp. 13-14)—*same* 1861/2.)

1857. Stmt. of total cost of state prtg. Jan. 1-31. (Assem. jol. 8 sess. pp. 212-213.)

1858. Stmt. of amt. due state prtr. (Sen. jol. 9 sess. p. 149.)

——. Stmt. of cost of House prtg. (Assem. jol. 9 sess. pp. 233-234.)

1859. Stmt. of amt. due for public prtg. (*Same* 10 sess. pp. 219-220; 281.)

——. Stmt. of accts. for Sen. prtg. (Sen. jol. 10 sess. pp. 307; 431; 455; 513; 580-581.)

1865-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for state prtg. (Bienn. rept. state controller 1863/5 (pp. 41-42)—*same* 1902/4.)

1875. Comments on state prtg. office and expenditures that have been made. (Bienn. rept. capitol comrs. 1874/5: 5-6.)

1875/6-1880. Comparative table showing difference in cost of doing state prtg. under old law and present system. (Bienn. rept. supt. prtg. 1875/6 (p. 10)—*same* 1879/80.)

1876-1886. Recapitulation of receipts and expenses. (*Same* 1875/7 (p. 9)—*same* 1884/6.)

1876-1894. Stmt. of expenditures of so much thereof as has been used up to Dec. 1. (*Same* 1875/7 (p. 8)—*same* 1892/4.)

1877. Itemized stmt. of moneys paid for construction of state prtg. office. (*Same* 1875/7: 5-6.)

——. Stmt. of amt. of each state prtr's. acct. (*Same* 1875/7: 19.)

1877-1879. Itemized stmt. of expenditures. (*Same* 1875/7 (p. 11)—*same* 1877/9.)

PUBLIC PRINTING—cont'd

Expenditures—cont'd

1877-1892. Table exhibiting relative cost to state of work executed for various depts. since commencement of operations under new system. (*Same* 1875/7 (p. 12)—*same* 1890/2.)

1879. Stmt. giving cost of prtg. for constitutional convention. (*Same* 1878/9: 7.)

——. Table showing expenditures, apprns. for dept. of prtg., and prtg. acquired on hand. (*Same* 1878/9: 7.)

——. Itemized stmt. of expenditures, creating deficiency to be provided for by additional apprn. (*Same* 1878/9: 6.)

1880-1882. Stmt. showing apprns. made for support of dept. during yr. and amt. expended. (*Same* 1879/80 (p. 3)—*same* 1880/2.)

1884. Expenditures not strictly chargeable to regular running expenses acct. of office. (*Same* 1882/4: 10.)

1887. Table showing indebtedness of state prtg. dept. for services rendered by employes named therein to said dept. from Apr. 18 to June 30. (*Same* 1886/7: 6.)

——. Same; for material, etc., furnished dept. by persons therein named, and remaining unpaid because of exhaustion of apprns. for fiscal yr. (*Same* 1886/7: 5.)

——. Stmt. of indebtedness incurred during yr. ended June 30. (*Same* 1886/7: 4.)

——. Stmt. giving particulars of disbursements to employes during fiscal yr. in text-book dept. (*Same* 1886/7: 15.)

1888. Table showing expenditures from state school book fund (money recd. from sale of text-books, and used for reproduction of any book after first 50,000 copies of it has been prtd. at expense of text-book apprn. (*Same* 1886/8: 11.)

——. Same; amt. expended for purchase of paper and bindery supplies for text-book and state school book depts. (*Same* 1886/8: 12.)

1888/90-1892. Table giving recapitulation of all expenditures of various depts. for fiscal yrs. (*Same* 1888/90 (p. 18)—*same* 1892/4.)

1890-1894. Table showing expenditures from school book fund. (*Same* 1890/2 (p. 14)—*same* 1892/4.)

——. Same; text-book fund. (*Same* 1890/2 (p. 15)—*same* 1892/4.)

1893-1904. Stmt. giving items of expenditures in school book dept. (*Same* 1892/4 (p. 9)—*same* 1902/4.)

1895. Table showing distribution of expenses throughout several depts. of plant. (*Same* 1894/6: 5.)

1896. Financial stmt. of state prtg. supt. (*Same* 1896/00: 14-15.)

——. Table showing cost of compiling and prtg. (segregated) of text-books as per estimate of state bd. of education. (17 rept. supt. public instruction 1894/6: 43.)

1897. Same; amt. of expenditures on acct. of labor and salaries. (Bienn. rept. supt. prtg. 1896/00: 5.)

——. Table giving items of expenditures other than for labor. (*Same* 1896/00: 6.)

1897-1904. Table showing amt. paid for labor upon completed works and for unfinished work for yr. (*Same* 1896/00 (p. 21)—*same* 1902/4.)

1898. Names of employes with amts. for services rendered for benefit of state from May 18 to June 30, 1897, and July 1, 1897, to Feb. 17, 1898, which has not been paid for by state. (*Same* 1896/00: 17-18.)

1900-1904. Stmt. of condition of state prtg. fund. (Bienn. rept. state controller 1898/00 (p. 102)—*same* 1902/4.)

PUBLIC PRINTING—cont'd

Expenditures—cont'd

1901. Table giving apprns. available, expenditures, balances carried forward, and cash collected for work performed and paid for from sources other than prtg. apprns. (Bienn. rept. supt. prtg. 1900/2: 5-6.)

1901-1904. Stmt. giving detailed acct. of expenditures of legislative body. (*Same* 1900/2 (pp. 6-9)—*same* 1902/4.)

1904. Same; total expenditures of office, including state prtg., lithographing, legislative prtg., and contingent funds. (*Same* 1902/4: 25.)

Laws

1883. Laws in force governing state prtg. of Cal. 23 pp.
Not seen; entry from Bowker.

1886. Act to provide for compiling, illustrating, electrotyping, prtg., binding, copyrighting, and distributing state series of school text-books and appropriating money therefor. (Bienn. rept. supt. prtg. 1884/6: 19-20.)

1887. Laws in force governing state prtg. of Cal. 46 pp.
Not seen; entry from Bowker.

Wages; see Labor. Wages

PUBLIC WORKS: CITY

Streets

The harbor comrs. had some jurisdiction over the water front streets of S. F.; see Harbors.

1893. Street work laws; by F. G. Finlayson. 312, 113 pp.
Not seen; entry from Bowker.

1896. Same; Vrooman act; by C. E. McCullough. 295 pp.
Not seen; entry from Bowker.

SAN FRANCISCO

1868. Majority and minority repts. of S. F. delegation re. Assem. bills 325, 310, and 154 concerning payment of certain contractors for grading streets in S. F. 4 pp. (App. to jols. 17 sess. v. 2 [doc. 39].)

1870. Remonstrance of property owners in S. F. agst. certain street contract bills. 5 pp. (*Same* 18 sess. v. 2 unnum. doc.)

——. Rept. [minority] of judiciary committee re. Assem. bill 113; act to amend act authorizing modification of the grades of certain streets in S. F. 5 pp. (*Same* 18 sess. v. 3 doc. [34].)

——. Mess. of Gov. Haight, returning without his approval Assem. bill 152; act for relief of certain contractors for cost of grading streets. 4 pp. (*Same* 18 sess. v. 3 doc. [23].)

——. Same; returning without his approval Assem. bill 154 which confirms all assessments and contracts for street work in S. F. without discrimination. 2 ll. (*Same* 18 sess. v. 3 doc. [31].)

——. Same; returning without his approval Sen. bill 7; act to pay for opening Montgomery street in S. F. 2 ll. (*Same* 18 sess. v. 3 doc. [39].)

1872. Minority rept. [adverse] of S. F. delegation on Assem. bill 228, act requiring people at large, citizens of S. F., to pay for a local improvement, sought for and forced upon the city by the property owners of the locality now seeking relief. 2 ll. (*Same* 19 sess. v. 3 doc. [13].)

1876. Communications re. Sen. bill 279, destroying East street of S. F. 6 pp. (*Same* 21 sess. v. 5 unnum. doc.)

1877. Indorsement of Senator Rogers' bill re. sweeping and cleaning the streets of S. F. 2 ll. (*Same* 22 sess. v. 4 [doc. 4].)

——. Memorial to S. F. legislative delegation re. Assem. bill 460. 4 pp. (*Same* 22 sess. [doc. 8].)
Granting to bd. supervisors of City and Co. of S. F. power to grade portion of S. F. street.

PUBLIC WORKS: CITY—cont'd

Streets—cont'd

SAN FRANCISCO—cont'd

1878. Petition of property owners on S. F. street, betw. Kearney and Jones streets, S. F. 2 ll. (*Same* 22 sess. v. 4 [doc. 28].)

Re. law granting power to bd. of supervisors of city and co. of S. F. to grade said street.

——. Veto of act to provide for payment of expenses of Seventh Street comn. in and for S. F. (Sen. jol. 22 sess. pp. 395-397.)

1884. Comments on duty of keeping water front streets in repair. (Bienn. rept. harbor comrs. 1882/4: 14-17.)

1893. Petition from citizens of S. F. for repeal of law for opening and extending streets in municipalities under which oppressive and unjust action has been taken. (Sen. jol. 30 sess. pp. 576-577.)

PUBLIC WORKS: FEDERAL

California Débris Commission; see River Conservancy

Coast Defence

1861. Corresp. betw. secy. of state and gov. re. subject of coast defences. (Sen. jol. 13 sess. pp. 23-27; Assem. jol. pp. 109-110.)

1862. Rept. on additional seacoast and harbor fortifications for defence of state. (Sen. jol. 13 sess. pp. 316-317.)

1887. Rept. on harbor, river, and coast defences. (*Same* 27 sess. pp. 440-442.)

PUBLIC WORKS: STATE

serial

1 series

Created under Act of March 29, 1878; organized under Act of Jan. 10, 1880.

A

By the Act of March 23, 1878 the state engr. was required to report to the governor on or about the 1st day of October of each yr. Only those two repts. shown below were issued.

1879/80-1887/8. Ann. rept. of the state engr. to the gov. of the state.

Checklist

1879/80 n. p. n. d. 20 pp.
1881-1886 none issued.
1887/8 Sacramento, 1888. 12 pp.

In Collected docs. as follows:

1879/80	in App. to jols.	24	sess.	v. 3	unnum.	doc.
1887/8	" " " "	28	"	v. 1	"	"

B

By the Act of March 23, 1878, the state engr. was required to report to the legislature concerning the operation and work of his dept. since the preceding session.

1880-1887. Rept. of the state engr. to the legisl. . . . . [23-27] sess. of 1880-1887. Sacramento, 1880-1887.

Checklist

[23] sess. 1880. pts. 1-5. 1880. v. p.
pt. 1. History of operations of dept. 27 pp.
pt. 2. Drainage of the valleys and the improvement of the navigation of rivers. Inundations in Cal.; the Sacramento Valley drainage; the San Joaquin Valley drainage. 92 pp.
pt. 3. The flow of mining detritus. 72 pp., 1 foldg. table.
pt. 4. Irrigation. 128 pp.
Appendices. pp. 1-191.
A. Rept. on irrigation works and practice in Los Angeles and San Bernardino cos. pp. 1-60.
B. Same, Kern Co. pp 61-115.
C. Same, Tulare and Fresno cos. pp. 116-161.
D. Report on works and practice of irrigation. San Joaquin and Kings River Canal, and Chowchilla Canal. pp. 162-182.
E. Same. Irrigation in Yolo Co. pp. 183-191.
pt. 5. Rept of present condition of the inquiry [with which state engr. is charged and recommendations for its future conduct.] 8 pp.

PUBLIC WORKS: STATE—cont'd

serial—cont'd

1 series—cont'd

B—cont'd

Checklist—cont'd

[24] sess. 1881. pts. 1-4. 1881. v. p.
pt. 1. 1881. History of operations of the dept. 25 pp.
pts. 2-3 (in one). 1881. The promotion of drainage, including river improvement and storage of mining detritus. 95 pp., 1 foldg. table.
pt. 4. Irrigation. 1880 (sic.). 48 pp.
[25 sess. 1883. Third progress rept. of the state engr. Sacramento, 1883. 15 pp.
[26] sess. 1885. Rept. of the state engr. for the yrs. 1883 and 1884 [including Dec. 31, 1884.] Sacramento, 1884. 17 pp.
[27] sess. 1887. Sacramento, 1887. 15 pp.

In Collected docs. as follows:

[23] sess.	1880	in App. to jols.	23	sess.	v. 5	unnum.	doc.
[24] sess.	1881	in App. to jols.	24	sess.	v. 3	unnum.	doc.
[25] sess.	1883	in App. to jols.	25	sess.	v. 1	unnum.	doc.
[26] sess.	1884	in App. to jols.	26	sess.	v. 1	unnum.	doc.
[27] sess.	1887	in App. to jols.	27	sess.	v. 1	unnum.	doc.

The general apprn. act of 1887 in making provision for the expenditures of the state engr's. office, provided "that such apprn. shall be in full for the completion of all work now in the hands of said engr."

2 series

Under Act of March 24, 1893.

1893/4-1895/6. Rept. of the comr. of public works.

In Collected docs. as follows:

1893/4	in App. to jols.	31	sess.	v. 4	unnum.	doc.
1895/6	" " " "	32	"	v. 2	"	"

3 series

Under Act of Feb. 9, 1900.

1899/00-1902/4. Rept. of the comr. of public works.

In Collected docs. as follows:

1899/90	in App. to jols.	34	sess.	v. 2	unnum.	doc.
1901/2	" " " "	35	"	v. 2	"	"
1902/4	" " " "	36	"	v. 2	"	"

non-serial

1878-1882. Review of nature and scope of operations conducted by engineering dept.; progress of work; recommended apprns. for completion of same, and publication of irrigation rept., cuts, and special maps acc. it; also that office of state engr. be abolished with publication of these repts., leaving matter of re-creation on some other basis. (Rept. state engr. 1881/2: 3-7.)

1878/9-1879/80. History of operations of engineering dept.—objects of work; problems of drainage, irrigation, and débris; field for examination; surveys and examinations, synopsis of results, etc. (Rept. state engr. to legisl. 1878/9 pt. 1. 1880—*same* to legisl. 1881.)

1888. Reasons for not abolishing office of state engr. (*Same* 1887/8: 6-10.)

1889. Communication from state engr. re. merging of his office and that of state mineralogist. (Sen. jol. 28 sess. 1889: 680-681.)

1896. Congressional act appropriating $250,000 for construction, repair, preservation of certain public works on rivers and harbors and for other purposes. (13 rept. state mineralogist 1894/6: 126.)

1899. Rept. on bd. of public works. (Rept. of committee to make examination of state institutions 1899: 165-167.)

——. Same; in App. to jols. 33 sess. v. 2.

Débris Commission; see River Conservancy

Drainage; see River Conservancy

Expenditures

1878-1893. Cost of comr. of public works; expenditures from apprns. made by state, and cost of prtg. (A. R. bd. examiners dated 1895: 67.)

PUBLIC WORKS: STATE—cont'd

Expenditures—cont'd

1878/9-1887/8. Stmt. of amt. and classification of expenditures in dept. (Rept. state engr. 1878/9 pt. 5 (p. 8)—*same* 1887/8.)

1882-1894. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for state engineer's dept. (Bienn. rept. state controller 1880/2 (p. 68) —*same* 1892/4.)

1893/4-1903/4. Financial stmt. of expenditures of office. (Rept. comr. public works 1893/4 (p. 21)—*same* 1903/4.)

1896-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for comr. of public works. (Bienn. rept. state controller 1894/6 (p. 82)—*same* 1902/4.)

1900. Rept. of auditing bd. of comr. of public works. (Rept. comr. public works 1899/00: 19-21.)

Harbor Improvement; see Harbors

Irrigation; see Land

Labor; see that title

River Conservancy; see that title

Roads; see that title

PUEBLO LANDS; see LAND

PURE FOOD LAW; see INDUSTRIES, ETC. FOOD LAW

QUAIL; see FISH AND GAME

QUARANTINE

Cattle; see Agriculture. Livestock

Crops; see Agriculture. Crops

Human; see Public Health

QUARTZ

Mining; see Natural Resources. Mineral

QUICKSILVER

Deposits; see Natural Resources. Minerals

Exports; see Commerce, etc.

Mining; see Natural Resources. Mineral

Prices; see that title

QUINCE

Crop; see Agriculture. Crops

RAILROADS

serial

1 series

Under Act of April 3, 1876.

1877. Rept. of bd. of comrs. of transportation.
In Collected docs. as follows:
1877 in App. to jols. 22 sess. v. 2 unnum. doc.

2 series

1877/8. Bienn. rept. bd. of comr. of transportation.
In Collected docs. as follows:
1877/8 in App. to jols. 23 sess. v. 4 unnum. doc.

3 series

1880/1. Rept. of bd. of r.r. comrs., 1.
In Collected docs. as follows:
1. 1880/1 in App. to jols. 24 sess. v. 2 unnum. doc.

4 series

1880-1891/2. Ann. rept. of bd. of r.r. comrs., 1-13.
In Collected docs. as follows:
1-3. 1880-1882 in App. to jols. 25 sess. v. 6 unnum. doc.
4. 1883 in App. to jols. 26 sess. v. 5 unnum. doc.
4. 1883 (minority rept.) in rept. r.r. comrs. 1883: 97-150.
5. 1884 in App. to jols. 26 sess. v. 6 unnum. doc.
5. 1884 (minority rept.) 22 pp. Accompanies 5 Ann. rept. r.r. comrs.

RAILROADS—cont'd

serial—cont'd

4 series—cont'd

6. 1885 in App. to jols. 27 sess. v. 5 unnum. doc.
6. 1885 (minority rept.) 56 pp. Accompanies 6 Ann. rept. r.r. comrs.
7. 1886 in App. to jols. 27 sess. v. 5 unnum. doc.
8. 1887 " " " " 28 " v. 2 " "
9. 1888 " " " " 28 " v. 2 " "
10. 1889 " " " " 29 " v. 3 " "
11. 1890 " " " " 29 " v. 7 " "
12. 1890/1 " " " " 30 " v. 2 " "
13. 1891/2 " " " " 30 " v. 2 " "

5 series

1892/4-1896/8. Bienn. rept. bd. of r.r. comrs., 1 et seq.
In Collected docs. as follows:
1. 1892/4 in App. to jols. 31 sess. v. 4 unnum. doc.
unnum. 1895/6 " " " " 32 " v. 2 doc. [3].
1896/8 not printed.

6 series

1899-1903. Rept. [ann.] of bd. of r.r. comrs.
In Collected docs. as follows:
1899 included in rept. for 1900.
1900 in App. to jols. 34 sess. v. 4 doc. [5].
1901-1902 not printed.
1903 in App. to jols. 36 sess. v. 2 unnum. doc.

non-serial

1880-1889. Comparative stmt. of gauge of track on rwys. in U. S. for 1880 and 1889. (11 A.R. r.r. comrs. 1890: 52.)

CALIFORNIA

1851. Rept. on r.rs.; urging passage of act granting r.rs. right of way through Cal., with view to securing China trade; with statistics showing value and magnitude of said trade. (Legisl. jol. 1851: 746-747.)

1854. Comments on r.r. and wagon road cos. and recommendation for r.r. corporations to rept. to office of surveyor gen. the amt. of stock, debts, cost of construction and equipments, amt. of business both passenger and freight; cost of maintenance of road way, of repairs of machinery, of operating, their earnings, receipts and payments; no., kind, and cause of accidents; and all other useful information which state may with propriety demand. (A.R. surveyor gen. 1854: 7.)

——. Letter from Dr. O. M. Wozencraft, on most practicable route for establishment of a stage road and a r.r. (*Same* 1854: 92-93.)

——. Letters from G. H. Goddard on state map, exploration of mt. passes across eastern frontier of Cal. appropriate for rwys., etc. (*Same* 1854: 89-91.)

1856. Internal improvements; suggestions re. system of rwys. to connect valley portions of state with points of distribution and commerce. (*Same* 1856: 24.)

1856-1890. Table showing progress of r.r. construction in state. (9 A.R. r.r. comrs. 1888 (p. 23)—11 *same* 1890.)

1857. Unfavorable rept. on act to encourage construction of a r.r. and telegraph line from Bay of S. F. to eastern line of state with branches thereto. (Assem. jol. 8 sess. pp. 222-223.)

1858. Rept. on act to amend an act concerning corporations, formed or to be formed. (*Same* 9 sess. pp. 377-382.)
Essential feature of bill limits all corporations to a fixed price for freight, and for passengers.

1870-1890. Cal. cos. compared with reference to miles of r.r.; population; value of real estate; acres in wheat, barley, etc. (13 A.R. r.r. comrs. 1891/2 foldg. table.)

1874. Petition of citizens of S. F. re. arbitrary exactions and injustices of r.r. cos. 5 pp. (App. to jols. 20 sess. v. 4 unnum. doc.)

RAILROADS—cont'd

CALIFORNIA—cont'd

1876-1878. Tabulation of returns for yr. endg. June 30, of broad-gauge roads. (Rept. transportation bd. 1876/7 (pp. 74-97)—*same* 1877/8.)

1877. Recommended that all r.r. cos. be required to keep such accts., financial and statistical on a uniform system, as may be prescribed by comrs. and to return to them, in writing and on oath, such facts, statistics, information, and accts. as the latter may call for, etc. (*Same* 1877: 31.)

——. Recommended that duration of r.r. cos. hereafter formed by consolidation be declared by law, and that the legal duration of existing cos. so formed be ascertained and declared by judicial proceedings. (*Same* 1876/7: 31.)

——. Recommended that no consolidation of r.r. cos. hereafter take place without consent of comrs. obtained on public notice of intention to apply for it, and on such conditions for protection of public as may be inserted in articles of consolidation. (*Same* 1876/7: 31.)

——. Recommended that proper facilities for shipping and delivery of freight and suitable accommodations for waiting passengers, be furnished at all stations, and that in case of complaint these be made satisfactory to comrs. (*Same* 1876/7: 31.)

——. Stmt. giving principal facts and statistics from r.r. repts.—length in miles of roads within state; stock and debts; cost of roads, equipments, etc.; total earnings; operating expenses, etc. (*Same* 1876/7: 3-6.)

1877-1878. Table of broad and narrow-gauge roads, showing sources and applications of means applied to investments of co. as exhibited in general balance sheet. (*Same* 1877/8 foldg. table.)

——. Statistical tables of broad and narrow-gauge roads, showing averages, operating expenses per train mile; length of line operated by co., do. operated under lease and total; construction; capital stock; earnings and income; operating, etc., expenses; net profit; rolling stock; employes, speed, and casualties; mileage, traffic, etc. (*Same* 1877/8 foldg. tables.)

1877/8. Summaries of statistics deduced from repts. of several r.r. cos. for 1877 and 1878, showing condition, operation, and mngmt. (*Same* 1877/8: 28-45.)

1878. Stmt. of unsettled claims agst. state. (*Same* 1877/8: 76.)

——. Mess. of Gov. Wm. Irwin acc. by suppl. rept. of comrs. of transportation. 4 pp. (App. to jols. 22 sess. v. 4 [doc. 14].)

Concerning r.rs., right of state to control r.rs., rates and fares, etc. Suppl. rept. referred to not included in above doc.

——. Comments on r.r. monopoly. (Rept. transportation bd. 1877/8: 58-73.)

——. Statistical table showing no. of employes, speed, and casualties for yr. endg. Dec. 31. (*Same* 1877/8 foldg. table.)

——. Same; showing date of incorporation, termini as constructed, length of line owned by co., etc. (*Same* 1877/8 foldg. table.)

1880. Tabular stmts. compiled from ann. repts. of 1880 of r.r. cos. of Cal. (A.R. r.r. comrs. 1880 foldg. table.)

1881-1884. Stmt. giving total expenditures made from income (excluding dividends paid); stmt. of expenditures for construction and betterments of its r.r. rolling stock, etc., for 4 yrs. (6 *same* 1885: 42.)

——. Summary of result of operation of freight and passenger trains. (6 *same* 1885: 42.)

RAILROADS—cont'd

CALIFORNIA—cont'd

1882. Comments on form of ann. returns. (3 *same* 1882: 549-552.)

Paging from Collected docs.

——. Protests and answers of the several r.r. cos. (3 *same* 1882: 525-534.)

Paging from Collected docs.

1883. Tabular stmts. compiled from ann. repts. of 1883 of r.r. cos. of state. (5 *same* 1884 foldg. tables.)

1883-1884. Text of Mngr. Towne's reply to r.r. comn.; cost of Central and Southern Pacific and other great lines; gross earnings and operating expenses compared; valuable statistics regarding acreage and population served by lines; rents paid for leased lines; interstate connections; differential rates and special contracts; average freight and passenger rates per mile. (4 *same* 1883 (pp. 49-62)—5 *same* 1884.)

1883-1885. Recommendation urged for amdmt. of sec. 11, ch. 59, statute of 1880, so as to require of comn. only those constitutional determinations, known as orders, or decisions in compliance with which the co. or cos. to be affected thereby, shall be required within a reasonable time, to tabulate, print, and post the necessary schedules. (4 *same* 1883 (p. 34)—6 *same* 1885.)

1884. Testimony taken before Sen. judiciary committee in considering Assem. bill 10, concerning regulations of r.rs., generally known as the Barry bill. 211 pp. (App. to jols. 25 sess. (Ex.) doc. [5].)

——. Comments on transportation of livestock. (5 A.R. r.r. comrs. 1884: 66-67.)

——. Discussion of the r.r. question. (Bienn. rept. bd. hortic. 1883/4: 64-68.)

1884-1885. Recommendation that several transportation cos. owning or operating r.rs. in state, be required to make verified returns and repts. of all matters touching ownership and operation, condition and mngmt. of their resp. roads, at such times, and in such manner and form, as comn. shall prescribe. (5 A.R. r.r. comrs. 1884 (p. 13)—6 *same* 1885.)

——. Recommended that any foreign corporation, operating a line of water or rail transportation in state, be required to file in office a written apptmt., duly made and authenticated by its corporate seal designating some person, residing in state, upon whom all legislative process and official papers may be served; also require to show, by stmt. in said apptmt., or otherwise, whether it is operating such line of transportation as owner or lessee, and if as lessee, the terms and conditions of its lease. (5 *same* 1884 (p. 13)—6 *same* 1885.)

——. Condensed presentation of instructive facts and figures contained in ann. returns to comn. office of 25 roads. (6 *same* 1885: 64-73.)

1885. Comments on recent alignments of leading roads in transcontinental systems. (6 *same* 1885: 33-34.)

——. Comments on interest of Cal. in her r.rs. and their interstate connections. (6 *same* 1885: 35.)

——. Comments on r.rs. as instrumentalities of development. (6 *same* 1885: 36.)

——. Directions of Judge Deady for running r.r. with reference to the "real exigencies of the business." (6 *same* 1885: 22-23.)

1885-1887. Mileage traffic, etc., as reported by r.r. cos. (7 *same* 1886 (pp. 48-51)—8 *same* 1887.)

1887-1888. Stmt. of total traffic receipts and income from other sources for yr. endg. Dec. 31. (9 *same* 1888 (p. 32)—10 *same* 1889.)

1887-1890. Stmt. of total indebtedness of reporting corporations, Dec. 31. (9 *same* 1888 (p. 32)—11 *same* 1890.)

RAILROADS—cont'd

CALIFORNIA—cont'd

1887-1896. Table giving list of equipment and no. of employes, for yr. (9 *same* 1888 (p. 41)—biennial rept. *same* 1895/6.)

1888. Passenger business; traffic stmt. giving increase over previous yr. (9 *same* 1888: 34.)

——. Stmt. showing no. of overland passengers east and west, to and from Cal., from Jan., 1888, to Nov., inclusive. (9 *same* 1888: 35.)

——. Table showing deductions from gross income to produce net income, by cos. (10 *same* 1889: 36.)

1888-1889. Stmt. showing movement of revenue trains, Jan. 1 to Sept. 30. (10 *same* 1889: 38.)

——. Stmt. of new r.r. corporations formed, and reorganizations, amdmts. of old charters, and misc. changes since date of last rept. of state r.r. comn. (9 *same* 1888 (pp. 25-30)—10 *same* 1889.)

——. Stmt. giving names of corporations reporting and description of same; 24 are of standard gauge (4 feet 8½ in.) and 7 are of narrow-gauge (3 feet) (9 *same* 1888 (pp. 21-22)—10 *same* 1889.)

1888-1896. Table showing consumption of fuel and cost in 1888, by cos. (10 *same* 1889 (p. 52)—biennial rept. *same* 1895/6.)

——. Table giving traffic stmt.; total no. of passengers, total tons of freight hauled, total miles run by passenger and freight trains, average rate of fare per mile, in cents, and name of co. (10 *same* 1889 (p. 39)—biennial rept. *same* 1895/6.)

——. Financial stmt. of various cos. (9 *same* 1888 (p. 31)—biennial rept. *same* 1895/6.)

1888/9. Comparative summary of earnings and expenses by r.rs. (11 *same* 1890: 62.)

1889. Stmt. of new roads reporting to comn. (10 *same* 1889: 23.)

——. Table giving income acct. of rwys. in U. S. for yr. endg. June 30. (11 *same* 1890: 65.)

——. Summary of financial operations of operating roads for yr. endg. June 30 (146,586.16 miles of line represented). (11 *same* 1890: 66.)

——. Stmt. giving amt. realized, by cos., from carrying U. S. mail in state, express, sleeping-car service, and extra baggage. (10 *same* 1889: 31-32.)

1889-1890. Table showing gross earnings and operating expenses per mile of road, by cos. (10 *same* 1889 (p. 32)—11 *same* 1890.)

——. Same; cost of road per mile, as reported to comn. by cos. (10 *same* 1889 (p. 31)—11 *same* 1890.)

——. Same; percentage of net income to gross income, by cos. (10 *same* 1889 (p. 35)—11 *same* 1890.)

——. Same; percentage of net income to cost, by cos. (10 *same* 1889 (p. 34)—11 *same* 1890.)

——. Same; percentage of operating expenses to earnings, by cos. (10 *same* 1889 (p. 33)—11 *same* 1890.)

——. Same; train mileage; stmt. showing total no. of miles run. (10 *same* 1889 (p. 38)—11 *same* 1890.)

1889-1891. Stmt. giving no. of stations, wooden bridges, iron bridges, trestles, and tunnels. (10 *same* 1889 (p. 53)—12 *same* 1891.)

1889-1896. Table showing increase and decrease of earnings, by cos. (10 *same* 1889 (p. 37)—biennial rept. *same* 1895/6.)

1889/90. List of articles of incorporation of all r.r. cos. filed in office of secy. of state Nov. 15, 1889, to Nov. 17, 1890. (11 *same* 1890: 30.)

1890. Table giving classification of stocks and bonds according to rate of dividend or interest. (11 *same* 1890: C1.)

——. Table showing rwy. ownership of rwy. stocks and bonds. (11 *same* 1890: 60.)

RAILROADS—cont'd

CALIFORNIA—cont'd

1890. Same; revenue and density of traffic for all roads whose gross revenue exceeds $3,000,000. (11 *same* 1890: 58-60.)

——. Table giving classification of r.rs. on basis of operated mileage. (11 *same* 1890: 57.)

——. Same; assignment of equipment to length of line and amt. of traffic. (11 *same* 1890: 54.)

——. Same; summary of equipment: no. of locomotives, classified as passenger, freight, and switching locomotives; no. fitted with automatic couplers, and with automatic train brake. (11 *same* 1890: 54.)

——. List of r.r. corporations filed since Jan. 1. (12 *same* 1891: 13.)

——. Table giving analysis of aggregates of fixed charges of operating and subsidiary cos. (11 *same* 1890: 66.)

1891/2. General summary of r.r. business of yr. (13 *same* 1891/2: 5.)

1891/2-1896. List of r.r. incorporations filed. (13 *same* 1891/2 (pp. 20-25)—biennial rept. *same* 1895/6.)

1892. Communication from L. T. Hatfield, of Sacramento Bd. of Trade, on transportation. (13 *same* 1891/2: 161-168.)

——. Classification of operating expenses. (13 *same* 1891/2: 158-159.)

——. Order for sidetrack at Paso Robles, and opinion of atty. gen. re. same. (13 *same* 1891/2: 154-156.)

——. Opinion of Atty. Gen. Hart re. services of state and co. officers performed for bd. of r.r. comrs. (13 *same* 1891/2: 145.)

——. Amended complaint in matter of R. O. Shively vs. all r.rs. in Cal. (13 *same* 1891/2: 132-134.)

——. Proceedings of r.r. comn. in connection with Cal. Traffic Assn. (13 *same* 1891/2: 49-72.)

1893/4. Stmt. giving miles of new lines constructed during yr. endg. June 30. (1 biennial rept. *same* 1893/4: 57.)

1894. Recommendation for legisl. to make apprn. to settle claim of Col. Morgan. (1 *same* 1893/4: 30.)

1895. Suggestion that bd. should have right to regulate speed of trains at crossings, and to compel erection of bells at same, as well as authority to designate location of depots, stations, switches, sidetracks, and spurs for benefit of shippers. (2 *same* 1895/6: 57.)

——. Transportation of perishable products of Cal.; a rept. on devices used for preservation of fruit, during r.r. transportation, and for lightening of cars; a 5-day schedule to Chicago is recommended. 9 pp. (App. to jols. 31 sess. v. 6 doc. 29.)

——. Same; with additional matter re. and cut of Hardy refrigerator car. (2 biennial rept. r.r. comrs. 1895/6: 71-79.)

1896. Comments on rail franchise. (Biennial rept. bureau of highways 1895/6: 34-35.)

1902. Transportation, refrigeration, time schedule; action taken by fruit growers of Cal. at convention held at S. F., Dec. 3-6. 20 pp.
Issued by committee on transportation of state bd. of horticulture.

——. Imperative need of a time schedule on eastbound fruit cars; by E. Berwick. (8 biennial rept. bd. hortic. 1901/2: 299-304.)

1902-1903. Comparative mileage stmt. (A.R. r.r. comrs. 1903: 8.)

——. Comparative stmt. of gross and net earnings. (*Same* 1903: 9.)

——. Comparative general balance sheets of the several roads, giving amts. and liabilities. (*Same* 1903: 14-23.)

——. Stmt. giving passenger, freight, and other earnings. (*Same* 1903: 10-11.)

——. Expense stmt. of cos. (*Same* 1903: 12.)

RAILROADS—cont'd

CALIFORNIA—cont'd

1903. Stmt. of rolling stock and rails and ties. (*Same* 1903: 12.)

——. Summary of r.rs. reporting for 1903. (*Same* 1903: 7.)

——. Stmt. giving important changes during yr. (*Same* 1903: 5-6.)

——. Comments on r.r. mileage in Cal.: capital stock; earnings and expenses; rolling stock, rails, and ties. (*Same* 1903: 3-4.)

Accidents

1887-1896. Table giving casualties and causes of same. (9 A.R. r.r. comrs. 1888 (p. 44)—bienn. rept. *same* 1895/6.)

1888-1889. Comparative table giving r.r. accidents. (11 *same* 1890: 67.)

1890. Table giving casualties to employes assigned to classes named. (11 *same* 1890: 68.)

1895. Suggestion that bd. should investigate accidents and be empowered to require the posting of schedules of freights and fares in depots when changes have been made therein. (2 bienn. rept. *same* 1895/6: 57.)

1903. List of accidents. (A.R. *same* 1903: 13.)

Depots

SAN FRANCISCO

1894. Comments on S. F. Ferry and Passenger Depot. (Bienn. rept. harbor comrs. 1892/4: 23-26.)

1894-1898. Comments on S. F. depot sinking fund. (*Same* 1892/4 (pp. 26-27)—*same* 1896/8.)

1894-1904. Stmt. of condition of S. F. depot sinking fund. (Bienn. rept. state controller 1892/4 (p. 92)—*same* 1902/4.)

1894/6. Stmt. of issue of bonds; "S. F. depot acct." (A.R. state treasurer 1894/6: 60.)

1894/6-1904. Transactions in S. F. depot sinking fund. (*Same* 1894/6 (pp. 61-63)—bienn. rept. *same* 1902/4.)

1896. Comments on Union Depot and Ferry House; excess in depot sinking fund, etc. (Bienn. rept. harbor comrs. 1894/6: 26-31.)

1896-1900. Stmt. of condition of S. F. depot fund. (Bienn. rept. state controller 1894/6 (p. 93)—*same* 1898/00.)

1896-1902. Same. (Bienn. rept. harbor comrs. 1894/6 (p. 13)—*same* 1900/2.)

1897. Rept. of state bd. of harbor comrs. on r.rs., r.r. depots, piers, and ferry slips in S. F. (Assem. jol. 32 sess. pp. 321-322.)

1898. Rept. of architect on construction of Union Depot and Ferry House. (Bienn. rept. harbor comrs. 1896/8: 93-96.)

——. Comments on New Ferry Depot. (*Same* 1896/8: 10-12.)

——. Rept. of architect on construction of Union Depot and Ferry House. (*Same* 1896/8: 93-96.)

1898-1900. Stmt. of disbursements from S. F. depot fund. (*Same* 1896/8 (pp. 26-29)—*same* 1898/00.)

1898/00. Transactions in S. F. depot sinking fund. (A.R. state treasurer 1898/00: 78-79.)

1900. Stmt. showing condition of S. F. depot fund, June 30. (Bienn. rept. harbor comrs. 1898/00: 22.)

1900-1904. Same; transactions in S. F. depot sinking fund. (*Same* 1898/00 (p. 23)—*same* 1902/4.)

Employes; see Labor

Labor; see that title

Land Grants; see Land: State

Laws

1862. General r.r. laws of Cal., the Pacific R.R. act of Congress, and the by-laws of the Central Pacific R.R. Co. of Cal. . . . with the city ordinance of Sacramento and act donating swamp land. 104 pp.
Not seen; entry from Library of Congress cards.

RAILROADS—cont'd

Laws—cont'd

1876. Act re. comrs. of transportation, their powers and duties. 8 pp.

1877. Laws of Cal. re. r.rs. and r.r. cos. which were in force Jan. 1, 1873; together with act providing for apptmt. of comrs. of transportation. 56 pp.
Not seen; entry from Bowker.

1879. Same; re. r.rs. and r.r. corporations. iv, 478 pp.

1880. Acts defining power and duties of bd. of rwy. comrs. (1 A.R. r.r. comrs. 1880: 7-10.)

1889. Act establishing interstate commerce comn.; abstracts of laws of states creating r.r. comn., showing powers and duties. (10 *same* 1889: 219-240.)

1892-1900. Act to compel r.r. corporations, or individuals owning r.rs. to operate their roads. (13 *same* 1891/2 (p. 12)—*same* 1900.)

——. Act to organize and define powers of bd. of r.r. comrs. (13 *same* 1891/2 (pp. 12-13)—*same* 1900.)

Maps

1888. Official r.r. map of state, representing different r.r. systems of state reporting to comn. as same existed in July 1; attached to rept. (9 A.R. r.r. comrs. 1888.)

——. Profiles showing great difference in grade betw. Pacific roads and those further east attached to the rept. (9 *same* 1888.)

1900. Rwy. map of Cal., completed to Jan. 1.
Not seen; entry from Bowker.

1902. Map of r.r. districts of state. (Blue book 1903.)

Narrow-Gauge

See also above, among general non-serial material.

1876-1878. Tabulation of returns of narrow-gauge roads for yr. endg. June 30. (Rept. transportation bd. 1876/7 (pp. 100-111)—*same* 1877/8.)

——. Repts. of narrow-gauge roads. (*Same* 1876/7 (app. pp. 140-214)—*same* 1877/8.)

1877/8. Statistical table of broad and narrow-gauge roads, showing rates of fares and freights per mile. (*Same* 1877/8 foldg. table.)

1878. Rept. on act to provide for construction of narrow-gauge r.r. in Napa Co. (Assem. jol. 22 sess. p. 533.)

1880-1888. Ann. rept. of narrow-gauge roads of Cal. (1 A.R. r.r. comrs. 1880 (pp. 291-331)—*same* 1888.)

Public Aid: County

1870. Veto of act to empower cos. of Stanislaus, Merced, Fresno, Tulare, and Kern to aid in construction of a r.r. in said cos. (Sen. jol. 18 sess. pp. 680-684.)

——. See below Railroads: Individual. Southern Pacific; this date.

1872. Veto of act to authorize Sonoma Co. to donate bonds to r.r. co. (Assem. jol. 19 sess. pp. 575-576.)

Public Aid: State

1864. Rept. of Sen. finance committee re. bill to aid in construction of a r.r. over Sierra Nevada Mts. as a link to Pacific R.R., etc. 7 pp. (App. to jols. 15 sess. v. 2 unnum. doc.)

1878. Veto of act to aid in construction of r.r. from Eureka to Eel River Valley. (Assem. jol. 22 sess. pp. 736-739.)

PACIFIC RAILROAD; see below, RAILROADS: INDIVIDUAL

Rates

General material only. For rate controversies of special roads, see below, Railroads: Individual.

FREIGHT

1868-1876. Stmt. showing gradual reduction in freight charges per ton per mile, on several transportation lines engaged in commerce betw. western states and Atlantic seaboard, from first ann. rept. of internal commerce of U. S. (3 A.R. r.r. comrs. 1882: 627.)
Paging from Collected docs.

RAILROADS—cont'd
Rates—cont'd
FREIGHT—cont'd
1870. Majority rept. [unfavorable] of corporations committee re. Sen. bill 62 resp. arbitrary rate for freight on Cal. r.rs. 26 pp. (App. to jols. 18 sess. v. 2 doc. [17].)
1870-1889. Comparative stmt. of rates to East on deciduous fruits, giving destination, kind of service, and approximated passenger train time for 1888 and 1889. (Trans. state agric. socy. 1889: 286.)
1872-1876. Same; showing reductions in rates on grain to S. F. (9 A.R. r.r. comrs. 1888: 54.)
1877. Table showing freight tariff for first class freight, used by various Cal. r.rs. (Rept. transportation bd. 1876/7: 45-50.)
——. Recommended that any rebate or discount on charges or other favor, privilege, or concession made by r.r. co. to any individual, firm, or corporation. be equally open to all others on equal terms; and any violation of this provision to constitute unjust discrimination. (*Same* 1876/7: 32.)
——. Table showing classifications used by various Cal. r.r. cos. as compiled from their prtd. classification. (*Same* 1876/7: 34-38.)
——. The general principles and commercial laws influencing and governing r.r. tariffs and charges; the necessity for a just discrimination in charges and remedy suggested for evils incident to an enforcement of uniformity of rates over entire roads. (*Same* 1876/7: 54-68.)
1877-1882. Average per cent of rates to whole local freight for mos. of Aug., 1877, and Oct., 1882, compared. (3 A.R. r.r. comrs. 1882: 538-539.)
Paging from Collected docs.
1878. Stmt. showing reduction in rates (below legal rates in force Jan. 1, 1878) on grain, flour, and mill stuffs, in carloads, as per tariff no. 10 of Aug. 1. (Rept. transportation bd. 1877/8: 4-5.)
——. Same; reductions in rates below legal rates in force Jan. 1, 1878, on lumber (and wood, to Sacramento) in carloads vs. per tariff no. 5 of Jan. 1, 1879. (*Same* 1877/8: 6-11.)
——. Same; reductions in rates in carloads of 10 tons to S. F., as per tariff no. 1, Dec. 20. (*Same* 1877/8: 12-19.)
1878-1882. Comparative stmt. showing reduction on cattle per car. (9 A.R. r.r. comrs. 1888: 54.)
1880-1889. Comparative table giving Cal. terminal rates in cents per 100 lbs., for carloads of 10 tons. (Trans. state agric. socy. 1890: 192.)
1881. Review of rate problems and action of bd. re. same. (A.R. r.r. comrs. 1881: 43-50.)
——. Rept. of committee on r.r. freights. (1 A.R. hortic. comrs. 1882: 62.)
1882. Stmt. showing grain rates and distances hauled on six of principal r.rs. west of Chicago; average haul and rate on Central Pacific R.R. and leased lines. (3 A.R. r.r comrs. 1882: 623.)
Paging from Collected docs.
——. Comments on the principles governing r.r. rates. (3 *same* 1882: 543-548.)
Paging from Collected docs.
1883. Letter to bd. of r.r. comrs. on policy of legislative interference with r.r. tariffs; by A. A. Cohen. N. Y., 1883. 30 pp.
1883-1884. Memorandum of comparative grain rates of June, 1883, and Nov. 20, 1884. (6 A.R. r.r. comrs. 1885: 54.)
——. Comparative grain rates contained in stmts. of June 26, 1883, and Nov. 20, 1884. (5 *same* 1884:39.)
1883-1886. Comparative stmt. showing reduction on lumber, per carload of six thousand feet, or 10 tons. (9 *same* 1888: 54.)

RAILROADS—cont'd
Rates—cont'd
FREIGHT—cont'd
1884. Standing order to expedite preparation and service of schedules. (5 *same* 1884: 12.)
——. Comments on classification of traffic. (5 *same* 1884: 65-66.)
——. Comments on minimum and maximum rates. (5 *same* 1884: 66.)
1885. Proposed plan of schedule of rates on grain, cattle, sheep, and hogs; proposed by Comr. Foote, Dec. 2, 1884; taken up and disposed of by substitute for said schedule and order no. 23, which was introduced by Comr. Carpenter, Aug. 6, 1885. (6 *same* 1885 foldg. table.)
1886. Res. adopted by Fruit Growers' Convention re. r.r. rates. (Bienn. rept. bd. hortic. 1885/6: 266-267.)
1887. Increase of home consumption of Cal. wines needed; influence of freight rates upon increase or decrease of eastern and interior trade. (A.R. bd. vitic. comrs. 1887: 39-40.)
1888. Comparative stmt. of rates on groceries, dry goods, boxed, hardware, grain, lumber, cattle, etc. (9 A.R. r.r. comrs. 1888: 51-53.)
——. Comment on "western classification" and communication from A. N. Towne re. same. (9 *same* 1888: 69-73.)
——. Commodity stmt. giving classification of freights carried upon Cal. r.rs., showing amt. shipped and per cent of each commodity to whole amt. (10 *same* 1889: 46-47.)
1891. List of roads showing rates on lumber charged for like distance on other lines. (12 *same* 1891: 68-69.)
——. Schedule of proposed grain rates to tidewater points. (12 *same* 1891: 28.)
——. Schedule of proposed special livestock and wool tariff rates. (12 *same* 1891: 27.)
——. Table giving rates on livestock in carloads. (12 *same* 1891: 20-21.)
——. Same; cordwood. (12 *same* 1891: 20.)
1892. Ice schedule, prepared by Comr. Litchfield; rates on ice in carloads, in dollars and cents per 2000 lbs. (13 *same* 1891/2: 32-38.)
——. Rates on fruit betw. S. F. and Sacramento. (13 *same* 1891/2: 149-150.)
——. Comparative table of grain rates; by Mr. Leeds. (13 *same* 1891/2: 52-58.)
——. Comparative grain schedule compiled by Comr. Beckman, Cal. r.rs. and Santa Fe R.R. in Kansas. (13 *same* 1891/2: 103.)
——. Comparison of freight rates on wheat in Cal. with rates in force in Ill., also as charged on Chicago, Milwaukee and St. Paul R.R. (13 *same* 1891/2: 99-102.)
1894. Comparison of rates on commodities named, 1894 vs. 1893: canned goods, soap, green coffee in sacks and sugar in sacks or bbls., coal oil, baking powder, candles, pipe, cast iron, bar and band, nails and wrought pipe (rates in cts. per 100 lbs.). (1 bienn. rept. *same* 1893/4: 24-28.)
1895. Classification on petroleum and its products and corresp. re. same. (2 *same* 1895/6: 8-13.)
1899. Comments on grain rate case and grain rate schedule. (3 *same* 1899/00: 20-36.)
1900. Memorials and res. adopted by Fruit Growers' Convention re. reduction of existing tariff rates, etc. (7 bienn. rept. bd. hortic. 1899/00: 23-25.)
1902. Paper on freight rates. (8 *same* 1901/2: 313-319.)

RAILROADS—cont'd

Rates—cont'd

FREIGHT AND PASSENGER

1876-1878. Comparative table of passenger and freight charges from roads in N. Y., Penn., Mich., Mass., Conn., Cal. (3 A.R. r.r. comrs. 1882: 625-626.)
Paging from Collected docs.

CALIFORNIA

1853. Review of provisions of act authorizing formation of r.r. cos., approved Apr. 22, showing defective restriction of freight and passenger charges. (Govs. mess. Apr. 8, 1854.)

1868. Majority rept. of corporations committee re. fares and freights on r.rs.; objects to too radical a reduction in rates of traffic, until roads shall pay dividends. 5 pp. (App. to jols. 17 sess. v. 2 [doc. 9].)

1870. Rept. of Assem. committee on r.rs. upon question of a reduction in r.r. freight and fare rates; unfavorable to change in law, on acct. of difficulties of construction, lack of population on many of mt. roads, and lack of data on which to base their income. 10 pp. (*Same* 18 sess. v. 2 doc. [27].)

1872. Rept. of Assem. corporations committee upon r.r. freights and fares; adverse to a reduced and rigid tariff, as no complaints have been made and since in Cal. natural obstacles overcome in bldg. roads, the wear and tear on the heavy grades, the disproportion betw. capacity and the actual freight carried, etc., are important factors in ratemaking; recommends that bill do not pass, but that legislation be had, to require from r.r. cos. ann. statistical repts. of receipts and expenditures, and suggests an amdmt. to secure finances of the roads against legislation; also appendix, testimony, etc. 78 (1), 130 pp. (*Same* 19 sess. v. 4.)

——. Rept. of corporations committee on Sen. bill 5, act to amend act to provide for incorporation of r.r. cos., etc.; bill to reduce freights and fares on r.rs., adversely reported upon, because roads in this state are exceptional in their extreme grades and heavy expenses of operating, and no uniform low tariff can be imposed upon all freight carried by them, without reducing their efficiency; with testimony. 19 pp. (*Same* 19 sess. v. 3 doc. [6].)

1874. Rept. of testimony and proceedings had before Sen. corporations committee having under consideration subject of fares and freights. 9, 161 pp. (*Same* 20 sess. v. 4 doc. [13].)

——. Preliminary rept. of committee on corporations on pending bills re. r.r. rates and fares. 20 pp. (*Same* 20 sess. v. 6 [doc. 20].)

——. Remonstrance from citizens and residents of city of Sacramento agst. passage of Freeman's freight and fare bill. 4 pp. (*Same* 20 sess. v. 5 [doc. 8].)

1876. Rept. of Sen. committee on corporations on bills re. r.r. fares and freights with tables. 109 pp. (*Same* 21 sess. v. 5 unnum. doc.)

——. Minority rept. of Assem. committee on corporations on Assem. bill 182 prescribing maximum rates which may be charged for transportation of passengers and freight on r.rs. of state. 14 pp. (*Same* 21 sess. v. 5 unnum. doc.)

1876-1878. Comparative table of passenger and freight charges. (Rept. transportation bd. 1877/8: 46-48.)

1877. Recommended that r.r. cos. be required to separate, in all cases, terminal charges from charges for transportation, and that the former, on all passenger transport, and on like classes of goods, be made uniform, without reference to length of haulage. (*Same* 1876/7: 31.)

——. Comments on regulation of freights and fares by law. (*Same* 1876/7: 53-54.)

RAILROADS—cont'd

Rates—cont'd

FREIGHT AND PASSENGER—cont'd

CALIFORNIA—cont'd

1877-1878. The regulation of fares and freights by the establishment of competing lines owned or operated under control of the govt. (*Same* 1876/7 (pp. 68-72)—*same* 1877/8.)

1881. Res. of bd. of r.r. comrs. establishing schedule of tariff rates for transportation of passengers and freight on r.rs. in state. (2 A.R. r.r. comrs. 1881: 521.)
Paging from Collected docs.

1892. Rept. and appended exhibits of Col. R. P. Morgan, expert employed by state to examine and rept. on existing rates of fares and freights in Cal. (13 *same* 1891/2: 339-377.)

——. Answers to complaint of R. O. Shively for general revision of freight and fare schedules as filed in office of bd. of r.r. comrs. by various r.r. cos. (13 *same* 1891/2: 108-132.)

——. Complaint of R. O. Shively vs. all r.rs. in Cal. re. excessive charges of transportation cos. of fares and freights. (13 *same* 1891/2: 103-104.)

PASSENGER

1866. Veto of act establishing rates of fare on r.rs. (Sen. jol. 16 sess. pp. 734-735.)

1877. Table showing local passenger tariffs on various Cal. r.rs. as compiled from their prtd. passenger tariff table. (Rept. transportation bd. 1876/7: 39-44.)

1878. Stmt. showing reductions made in passenger rates during 1878, the percentage of reduction being 29.29. (3 A.R. r.r. comrs. 1882: 557-560.)
Paging from Collected docs.

1879. Stmt. showing reductions in local ticket rates within state of Cal. during yr. (3 *same* 1882: 561-568.)
Paging from Collected docs.

1880. Same; since Jan. 1. (3 *same* 1882: 569-599.)
Paging from Collected docs.

1882. Res. of bd. of r.r. comrs. establishing schedule rate for transportation of passengers on all r.rs. in state. (3 *same* 1882: 522.)
Paging from Collected docs.

——. Stmt. showing reductions in local ticket rates within state from July 22 to Oct. 1. (3 *same* 1882: 600-622.)
Paging from Collected docs.

1884. Schedule of old and new rates (passenger) on various r.rs. in state. (5 *same* 1884 foldg. tables.)

——. Comments on the Humphrey passenger schedule. (5 *same* 1884: 14-15.)

1887. Stmt. giving comparison of passenger rates in effect Sept. 1, 1887, with similar rates and distances on r.rs. east and west of Chicago, Ill. (8 *same* 1887: 50.)

1888. Same; maximum rates of fare as fixed by comn. now in force. (9 *same* 1888: 35-37.)

1889. Ticket rates reduced 15%; comment. (10 *same* 1889: 63.)

1890. Corresp. re. rwy. ticket brokerage. (12 *same* 1891: 85-87.)

1892. Res. regarding passenger rates. (13 *same* 1891/2: 49.)

——. Comparison of passenger rates with rates charged by five of leading r.r. cos. of Ill., with schedule of comparative passenger rates. (13 *same* 1891/2: 97-99.)

1893. Repts. of Comr. Beckman and comparison of passenger rates on Ore. r.rs. and Cal. roads, being 1 ct. per mile higher in Ore. than in Cal. (1 bienn. rept. *same* 1893/4: 58-62.)

RAILROADS—cont'd

Rates—cont'd

CALIFORNIA—cont'd

1895. Veto of act to regulate sale and redemption of transportation tickets. (Sen. jol. 31 sess. pp. 1208-1209.)

Railroad Commission

1865-1882. Short sketch of the history of origin of transportation comn. in Cal. and review of policy of former r.r. comrs. of amicable intervention betw. shipper and carrier. (3 A.R. r.r. comrs. 1882: 53-58.)

Paging from Collected docs.

1876. General instructions of bd. of transportation comrs. to r.r. cos. of state, with blank forms for preparation of ann. rept. to be filed in office of secy. of comn. 35 pp. 4°.

1877. Same. 42 pp. 4°.

1878. Comments on utility of r.r. comrs. (Rept. transportation bd. 1877/8: 74-75.)

1883. Rept. on inquiry into official act of late retired r.r comrs. (Assem. jol. 25 sess. pp. 449-450.)

——. General stmt. of official acts and rulings of comn. and some reasons therefor. (4 A.R. r.r. comrs. 1883: 7-12.)

——. Rept. of Assem. corporations committee; inquest [*sic*] into official acts of late retired r.r. comrs.; finding that they devoted but little time to their official duties; that several of them made extraordinary acquisitions of property during their term of office; that rates of r.r. transportation have not been materially reduced; and that discrimination in charges and facilities for transportation, has been shown by the r.rs.; with testimony. 176 pp., 1 l. (App. to jols. 25 sess. v. 3 doc. [4].)

1890-1894. Review of work of comn. during past four yrs. (1 bienn. rept. r.r. comrs. 1893/4: 5-30.)

1892-1894. Minutes of the state bd. of r.r. comrs. (1 *same* 1893/4: 82-98.)

1892-1900. Powers and duties of r.r. comrs. (13 A.R. *same* 1891/2 (pp. 10-11)—*same* 1900.)

1893. Rept. of testimony and proceedings before Sen. committee on constitutional amdmts. re. Sen. constitutional amdmt. no. 8., abrogating provisions of constitution as to r.r. comn., and placing distance tariff in constitution; recommending that amdmt. be not adopted. x, 235 pp., 1 diagr. (App. to jols. 30 sess. v. 8 doc. [7].)

——. In matter of investigation of r.r. comrs. before select committee of Sen. on charges of dereliction of duty and incompetency, in having failed to establish rates of charges by transportation cos. 70 pp. (*Same* 30 sess. v. 8 doc. [5].)

——. Minority rept. re. investigating r.r. comrs. (Sen. jol. 30 sess. pp. 525-526; 581-583; 691-692.)

1894. Special rept. of Comr. Rea, comr. for 3d r.r. distr. of Cal., giving his views upon the past 8 yrs'. service of r.r. comn. (1 bienn. rept. r.r. comrs. 1893/4: 31-34.)

1895. Comments on power of comn. over steamers, and opinion of atty. gen. re. same. (2 *same* 1895/6: 13-14.)

RULES

1881. Rules of bd. of r.r. comrs., adopted June 7. 8 pp. 24°.

——. Same. (2 A.R. r.r. comrs. 1880: 507-510.)

1884. Amended rules of procedure of bd. of comrs. of Cal. (5 *same* 1884: 10-11.)

1892-1900. Rules of bd. of r.r. comrs. and additional rules of procedure. (13 *same* 1891/2 (pp. 16-19)—*same* 1900.)

RAILROADS—cont'd

Receipts and Expenditures

1880-1894. Cost of r.r. comrs.; expenditures from apprns. made by state, and cost of prtg. (A.R. bd. examiners dated 1895: 66.)

1882-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for r.r. comrs. (Bienn. rept. state controller 1880/2 (pp. 60-61)—*same* 1902/4.)

1883. Claim of E. A. Girvin for services rendered as stenographer of bd. of r.r. comrs. (A.R. bd. examiners dated Jan. 1, 1881, to Dec. 31, 1882: 3.)

——. Corresp. re. E. A. Girvin claim. (*Same* dated Jan. 1, 1881, to Dec. 31, 1882: 6-13.)

1884. Stmt. giving financial condition of comn. (5 A.R. r.r. comrs. 1884: 79.)

1884/6-1904. Stmt. showing receipts from r.r. cos. during yr. (A.R. state treasurer 1884/6 (p. 10)—bienn. rept. *same* 1902/4.)

1885-1888. Stmt. giving incidental expenses of bd. of r.r. comrs. (6 A.R. r.r. comrs. 1885 (p. 73)—9 *same* 1888.)

Taxation; see Taxation: State. Corporations

Tonnage; see Commerce, etc.

Welfare Work; see Labor

RAILROADS: INDIVIDUAL

Alameda and San Joaquin Railroad Company

serial

1895/6-1899/00. Repts.

In Documents as follows:
1895/6 in Bienn. rept. r.r. comrs. 1895/6: 303-306.
1896/8-1898/9 no r.r. repts. printed by state.
1899/1900 in A.R. r.r. comrs. 1900: 264-267.

Amador Branch Railroad Company

serial

1875/6-1887. Repts.

In Documents as follows:
1875/6 in Rept. comrs. transportation 1877/8 app. pp. 28-36.
1876/7 in Rept. comrs. transportation 1877 app. pp. 252-256.
1877 in Bienn. rept. comr. transportation 1877/8 app. pp. 32-36.
1878 in Bienn. rept. comr. transportation 1877/8 app. pp. 278-282.
1880 in 3 Ann. rept. r.r. comrs. 1880/2: 159-162.
1881 " 3 " " " " 1880/2: 335-340.
1882 " 5 " " " " 1884: 31-35.
1883 " 5 " " " " 1884: 197-201.
1884 " 7 " " " " 1886: 31-35.
1885 " 7 " " " " 1886: 207-211.
1886 " 8 " " " " 1887 app. pp. 31-35.
1887 " 9 " " " " 1888: 107-111.

Arcata and Mad River Railroad Company

serial

1888-1889/00. Repts.

In Documents as follows:
1888 in 10 Ann. rept. r.r. comrs. 1889 app. pp. 184-189.
1889 omitted.
1890 in 12 Ann. rept. r.r. comrs. 1890/1: 239-244.
1891 " 13 " " " " 1891/2: 299-304.
1892/3* " 1 Bienn. " " " 1893/4: 166-176.
1893/4 " 1 " " " " 1893/4: 336-343.
1894/5 omitted.
1895/6 in Bienn. rept. r.r. comrs. 1895/6: 307-313.
1896/8-1898/9 no r.r. repts. printed by state.
1899/00 in Ann. rept. r.r. comrs. 1900: 267-273.

Atchison, Topeka and Santa Fe Railroad

1899. Complaint of H. C. Doerr vs. A. T. and S. F. Rwy. re. excessive freight charges. (3 bienn. rept. r.r. comrs. 1899/00: 39-40.)

1900. Comments on freight and passenger accommodations for Santa Fe R.R. system. (Bienn. rept. harbor comrs. 1898/00: 7-8.)

* 18 mos. ending June 30, 1893; thereafter for fiscal year ending June 30.

RAILROADS: INDIVIDUAL—cont'd

Atlantic and Pacific Railroad

serial

1886-1895/6. Repts.
In Documents as follows:
1886 in 8 Ann. rept. r.r. comrs. 1887 app. pp. 35-39.
1887 " 9 " " " " 1888 : 111-114.
1888 " 10 " " " " 1889 app. pp. 75-82.
1889 omitted.
1890 in 12 Ann. rept. r.r. comrs. 1890/1 : 161-168.
1891 " 13 " " " " 1891/2 : 230-236.
1892/3 " 1 Bienn. " " " 1893/4 : 100-111.
1893/4 " 1 " " " " 1893/4 : 374-381.
1895/6 " 1 " " " " 1895/6 : 168-175.

non-serial

1852. Proposed transcontinental r.r. approved. (Govs. ann. mess. 1852.)

——. Comments on survey of r.r. from Cal. to Atlantic coast. (A.R. surveyor gen. 1852: 19-24.)

1853. Memorial re. advantages of proposed r.r. from Pacific to valley of Miss., reviewing cost and inconvenience of routes now in use, and estimated reduction through operations of said r.r. 14 pp. (App. to Assem. jol. 1853 doc. 58.)

——. Rept. of committee on federal relations re. need for proposed Pacific R.R. in facilitating direct and rapid communication, providing mail route and saving large ann. cost of suppressing Indian hostilities. 6 pp. (App. to Sen. jol. 1853 doc. 72.)

——. Encouragement of Pacific-Atlantic R.R. project urged in view of its importance to Cal. (Govs. ann. mess. 1853.)

1856. Rept. favoring aid to proposed Pacific and Atlantic R.R. (Assem. jol. 1856: 567-570.)

——. Rept. of committee on federal relations, favoring construction of proposed r.r. from Mississippi River to Cal., suggesting levy of tax by each state as means of establishing same. (*Same* 1856: 561-570.)

——. Same. 12 pp. (App. to Assem. jol. 7 sess. doc. [15].)

1857. Rept. of federal relations committee on Pacific and Atlantic R.R., Feb.; urging its construction. 4 pp. (*Same* 8 sess. doc. [11].)

1884. Comments on Atlantic and Pacific R.R. Co., a foreign corporation operating a road in Cal. (5 A.R. r.r. comrs. 1884: 16-17.)

Bay Coast Railroad Company

serial

1877-1878. Repts.
In Documents as follows:
1877 in Bienn. rept. comr. transportation 1877/8 app. pp. 186-188.
1878 in Bienn. rept. comr. transportation 1887/8 app. pp. 414-416.
No further repts. made by this co. Road operated by South Pacific R.R. Co., and repts. of operations are included in rept. of that co.

Belt Railroad

1873. Suggestion that rwy. track open to all cos., be constructed along entire water front, and afford facilities for delivering and receiving freights at various wharves and area north of Vallejo street to be reclaimed and utilized for depot purposes. (Bienn. rept. harbor comrs. 1871/3: 6.)

1890. Comments on passenger depot and Belt R.R.; also recommendation for revenue derived from depot bldg. and Belt R.R. be appropriated as sinking fund, to be increased, if necessary, by rentals from sea-wall lots; bd. also recommends authorization of issuance of 4% bonds to extent of $800,000. (*Same* 1888/90: 14-16.)

1891. Regulations for operation of Belt R.R.
Not seen; entry from Bowker.

1892-1898. Comments on Belt R.R. with cost of construction and equipment of same. (Bienn. rept. harbor comrs. 1890/2 (pp. 19-21)—*same* 1896/8.)

1894. Water front of S. F.—right of state to build competing rwy. (Rept. atty. gen. 1893/4: 31-32.)

RAILROADS: INDIVIDUAL—cont'd

Belt Railroad—cont'd

1897. Rept. of state bd. of harbor comrs. on r.rs., r.r. depots, piers, and ferry slips in S. F. (Assem. jol. 32 sess. pp. 321-322.)

1902-1904. Stmt. giving Belt R.R. revenue and expenses. (Bienn. rept. harbor comrs. 1902/4: 65-66.)

Berkeley Branch Railroad Company

serial

1876/7-1887. Repts.
In Documents as follows:
1876/7 in Rept. bd. comrs. transportation Dec. 1877 app. pp. 257-261.
1877 in Bienn. rept. comrs. transportation 1877/8 app. pp. 37-43.
1878 in Bienn. rept. comrs. transportation 1877/8 app. pp. 283-287.
1880 in 3 Ann. rept. r.r. comrs. 1880/2 : 163-167.
1881 " 3 " " " " 1880/2 : 340-345.
1882 " 5 " " " " 1884 : 35-39.
1883 " 5 " " " " 1884 : 201-205.
1884 " 7 " " " " 1886 : 35-40.
1885 " 7 " " " " 1886 : 211-215.
1886 " 8 " " " " 1887 app. pp. 39-44.
1887 " 9 " " " " 1888 : 114-119.

Black Diamond Coal Mining Railroad Company

serial

1877-1881. Repts.
In Documents as follows:
1877 in Bienn. rept. comrs. transportation 1877/8 app. pp. 44-48.
1878 in Bienn. rept. comrs. transportation 1877/8 app. pp. 288-291.
1879-1880 omitted.
1881 in 3 Ann. rept. r.r. comrs. 1880/2 : 345-348.

Bodie and Benton Railway and Commercial Company

serial

1882-1883. Repts.
In Documents as follows:
1882 in 5 Ann. rept. r.r. comrs. 1884 : 155-160.
1883 " 5 " " " " 1884 : 312-316.

California Central Railroad

serial

1887-1888. Repts.
In Documents as follows:
1887 in 9 Ann. rept. r.r. comrs. 1888 : 119-129.
1888 " 10 " " " " 1889 app. pp. 83-95.

non-serial

1891. Case of Geo. J. Campbell, Jr., vs. Cal. Central R.R. (12 A.R. r.r. comrs. 1891: 15-16.)

California Eastern Railway Company

serial

1899/00. Repts.
In Documents as follows:
1899/00 in Ann. rept. r.r. comrs. 1900 : 168-174.

California and Nevada Railroad Company

1904. Stmt. giving delinquent taxes on rwys. assessed by state bd. of equalization. Cal. and Nev. R.R. Co. (pd. May 1, 1903). (Bienn. rept. state controller 1902/4: 144.)

California Northern Railroad Company

serial

1 series

1876/7-1883. Repts. of Cal. Northern R.R. Co.
In Documents as follows:
1876/7 in rept. bd. comrs. transportation Dec. 1877 app. pp. 262-264.
1877 in Bienn. rept. comrs. transportation 1877/8 pp. 49-55.
1878 in Bienn. rept. comrs. transportation 1877/8 pp. 292-294.
1880 in 3 Ann. rept. r.r. comrs. 1880/2 : 167-173.
1881 " 3 " " " " 1880/2 : 348-349.
1882 " 5 " " " " 1884 : 39-41.
1883 " 5 " " " " 1884 : 205-207.

2 series

1884-1895/6. Repts. of Northern Cal. R.R. Co.
In Documents as follows:
1884 in 7 Ann. rept. r.r. comrs. 1886 : 101-103.
1885 " 7 " " " " 1886 : 277-279.
1886 " 8 " " " " 1887 app. pp. 93-96.
1887 " 9 " " " " 1888 : 173-175.
1888 " 10 " " " " 1889 app. pp. 136-140.

RAILROADS: INDIVIDUAL—cont'd

California Northern Railroad Company—cont'd

serial—cont'd

2 series—cont'd

1889-1890 omitted.
1891 in 13 Ann. rept. r.r. comrs. 1891/2 : 214-215.
1892/3 " 1 Bienn. " " " 1893/4 : 46-48.
1893/4 " 1 " " " " 1893/4 : 255-258.
1895/6 " " " " " " 1895/6 : 148-151.

California Northwestern Railway Company

serial

1899/00. Repts.

In Documents as follows:
1899/00 in Ann. rept. r.r. comrs. 1900 : 159-168.

California Pacific Railroad

serial

1875/6-1895/6. Repts.

In Documents as follows:
1875/6 in rept. of bd. of comrs. of transportation Dec. 1877 app. pp. 37-40.
1876/7 in rept. of bd. of comrs. of transportation Dec. 1877 pp. 265-280.
1877 in Bienn. rept. of bd. of comrs. of transportation 1877/8 app. pp. 56-65.
1878 in Bienn. rept. of bd. of comrs. of transportation 1877/8 pp. 295-304.
1880 in 3 Ann. rept. r.r. comrs. 1880/2 : 173-181.
1881 " 3 " " " " 1880/2 : 351-358.
1882 " 5 " " " " 1884 : 41-48.
1883 " 5 " " " " 1884 : 207-214.
1884 " 7 " " " " 1886 : 40-47.
1885 " 7 " " " " 1886 : 215-222.
1886 " 8 " " " " 1887 app. pp. 44-50.
1887 " 9 " " " " 1888 : 130-135.
1888 " 10 " " " " 1889 app. pp. 59-74.
1889 omitted.
1890 in 12 Ann. rept. r.r. comrs. 1890/1 : 115-118.
1891 " 13 " " " " 1891/2 : 187-198.
1892/3 " 1 Bienn. " " " 1893/4 : 37-40.
1893/4 " 1 " " " " 1893/4 : 244-249.
1895/6 " 2 " " " " 1895/6 : 131-136.
Merged into So. Pacific R.R. Co. of Cal. in 1898. The suppressed report of the co. of 1874 is in the N. Y. Public Library.

non-serial

1870. Majority rept. [adverse] of the Sen. corporations committee . . . . re. Sen. bill 230, act to enable Cal. Pacific R.R. and others to come into the city of Sacramento, and other matters relating thereto. [Rept. brings into question right of anyone to bridge navigable streams at will, and propriety of allowing r.rs. to enter corporate town limits, or to occupy, by condemnation, except for specified purposes, land of any other r.r.] 14 pp. (App. to jols. 18 sess. v. 3 doc. [15].)

1881. Complaint of W. H. Robinson agst. The Cal. Pacific R.R. Co.; answer of A. N. Towne, gen. supt. and opinion of A. L. Hart, atty. gen. (2 A.R. r.r. comrs. 1881: 513-518.)

Paging from Collected docs.

California Railway

serial

1895/6. Rept.

In Documents as follows:
1895/6 in 1 Bienn. rept. r.r. comrs. 1895/6 : 319-324.

California Southern Railway

serial

1881-1899/00. Repts.

In Documents as follows:
1881 in 3 Ann. rept. r.r. comrs. 1880/2 : 358-363.
1882 " 5 " " " " 1884 : 48-57.
1883 " 5 " " " " 1884 : 214-223.
1884 " 7 " " " " 1886 : 47-57.
1885 " 7 " " " " 1886 : 222-233.
1886 " 8 " " " " 1887 app. pp. 50-61.
1887 " 9 " " " " 1888 : 135-161.
1888 " 10 " " " " 1889 app. pp. 96-106.
1889 omitted.
1890 in 12 Ann. rept. r.r. comrs. 1890/1 : 146-160.
1891 " 13 " " " " 1891/2 : 216-229.
1892/3 " 1 Bienn. " " " 1893/4 : 48-68.
1893/4 " 1 " " " " 1893/4 : 360-373.
1895/6 " " " " " " 1895/6 : 152-167.
1896/8 not printed.
1899/00 in Ann. rept. r.r. comrs. 1900 : 113-130.

RAILROADS: INDIVIDUAL—cont'd

California Southern Railway—cont'd

non-serial

1883. See below, Northern Pacific; this date.

1888. Stmt. of tonnage of through freight, east and westbound (in lbs.) for yr. endg. Dec. 31; Cal. Southern R.R. Co. and Cal. Central R.R. Co. (9 A.R. r.r. comrs. 1888: 40.)

1889. Stmt. showing tonnage handled on eastbound and westbound line billing during 10 mos. endg. Oct. 31, 1889; Cal. Southern R.R. Co., Cal. Central R.R. Co. (10 *same* 1889: 44.)

1891. Complaint: City of Pasadena vs. Cal. Southern Rwy. Co. et al. (12 *same* 1891: 32-36.)

——. Decision of Board re. case of The People ex rel. The Bd. of R.R. Comrs. vs. The Cal. Southern Rwy. Co. and Los Angeles Terminal Rwy. Co. (12 *same* 1891: 43-46.)

Carson and Colorado Railroad Company

serial

1884-1895/6. Repts.

In Documents as follows:
1884 in 7 Ann. rept. r.r. comrs. 1886 : 57-59.
1885 " 7 " " " " 1886 : 347-348.
1886 " 8 " " " " 1887 app. pp. 177-178.
1887 " 9 " " " " 1888 : 254-255.
1888 " 10 " " " " 1889 app. pp. 173-177.
1889 omitted.
1890 in 12 Ann. rept. r.r. comrs. 1890/1 : 182-184.
1891 " 13 " " " " 1891/2 : 250-252.
1892/3 " 1 Bienn. " " " 1893/4 : 111-117.
1893/4 " 1 " " " " 1893/4 : 283-289.
1895/6 " 2 " " " " 1895/6 : 187-193.

Central Pacific Railroad

serial

1862-1899/00. Ann. repts. of Central Pacific R.R. Co.

In Collected docs. as follows:
1862-1868 in App. to jols. 18 sess. v. 3 unnum. doc.
1869-1874 omitted.
1875/6 in rept. of bd. of comrs. of transportation Dec. 1877 pp. 41-47.
1876/7 in rept. of bd. of comrs. of transportation Dec. 1877 pp. 281-318.
1877 in Bienn. rept. bd. of comrs. transportation 1877/8 pp. 66-93.
1878 in Bienn. rept. bd. of comrs. transportation 1877/8 pp. 305-336.
1879 omitted.
1880 in 3 Ann. rept. r.r. comrs. 1880/2 : 181-210.
1881 " 3 " " " " 1880/2 : 364-392.
1882 " 5 " " " " 1884 : 57-85.
1883 " 5 " " " " 1884 : 223-243.
1884 " 7 " " " " 1886 : 60-87.
1885 " 7 " " " " 1886 : 233-259.
1886 " 8 " " " " 1887 app. pp. 62-78.
1888 " 10 " " " " 1889 app. pp. 42-51.
1889 omitted.
1890 in 12 Ann. rept. r.r. comrs. 1890/1 : 119-127.
1891 omitted.
1892/3 in 1 Bienn. rept. r.r. comrs. 1893/4 : 26-33.
1893/4 " 1 " " " " 1893/4 : 232-240.
1895/6 " 2 " " " " 1895/6 : 110-119.
1896/8 omitted.
1899/00 in Ann. rept. r.r. comrs. 1900 : 99-108.

non-serial

1864. Govs. mess. stating reasons for approving act to aid construction of Central Pacific R.R. (Sen. jol. 15 sess. pp. 687-688.)

1864-1884. Comparative stmt. giving proportion of operating expenses to gross earnings for each yr. since Central Pacific R.R. has been in operation. (4 A.R. r.r. comrs. 1883 (p. 50)—5 *same* 1884.)

1865. Rept. from pres. of Central Pacific R.R. Co. 5 pp. (App. to jols. 16 sess. v. 3 unnum. doc.)

1872. Communication denying charges agst. Central Pacific R.R. Co. for failing to keep contract re. hauling granite and gravel for capitol to Sacramento free of charge. (Assem. jol. 19 sess. pp. 408-410.)

1872-1884. Stmt. showing passenger traffic, average miles traveled and average charge per mile per passenger, on Central Pacific road and leased lines. (6 A.R. r.r. comrs. 1884: 45.)

RAILROADS: INDIVIDUAL—cont'd

Central Pacific Railroad—cont'd

non-serial—cont'd

1874. Testimony taken by special committee on Central Pacific R.R. matters. 39 pp. (App. to jols. 20 sess. v. 6 [doc. 2].)

——. Rept. on investigation as to fulfilment of certain considerations on part of Pacific Central R. R. Co. in contract made betw. said co. and state, Apr., 1864. (Assem. jol. 20 sess. pp. 1065-1066.)

1877. Table showing discriminative rates on the single article of wheat, by city authorities of stock on Central Pacific R.R. (Rept. transportation bd. 1876/7: 27-28.)

1877-1882. Stmt. giving freight from points in Cal. in the Central and Southern Pacific R.R., Aug., 1877, and Oct., 1882, showing rates per ton per mile at which it was hauled and average rate per ton per mile by divisions. (3 A.R. r.r. comrs. 1882 foldg. tables.)

1878. Stmt. of ann. bonded interest and sinking fund liabilities of Central Pacific R.R. Co., with summary. (Rept. transportation bd. 1877/8: 78-79.)

——. Stmt. of general passenger rates made during 1878 on Central Pacific and leased roads. (*Same* 1877/8: 20-22.)

1880. Central Pacific R.R.; revised freight tariff for grain, flour, livestock, alfalfa seed and wool, to general markets—to take effect June 1, 1881, by order of bd. of r.r. comrs. subject to rules and classification governing transportation of property, as published in general tariff. (1 A.R. r.r. comrs. 1880 foldg. table.)

——. Brief synopsis of reduction in freight charges in Central Pacific R.R. and leased lines in state; rates on grain, rates on wool. (1 *same* 1880: 17-18.)

——. Interrogations re. business of Central Pacific R.R. and leased lines in Cal. (1 *same* 1880: 35-37.)

1880-1882. Stmt. showing population of Cal. in 1880; acreage and average assessed value per acre, 1882; Central Pacific and Southern Pacific R.R. mileage, 1882; and percentage of whole population and whole acreage served. (5 *same* 1884: 47.)

1881-1884. Condensed summary of operations of Central Pacific R.R. and its leased lines, showing each of past four yrs. (6 *same* 1885: 41.)

1882-1884. Extracts from ann. repts. of Central Pacific R.R., its leased lines, and other r.r. cos., to bd. of r.r. comrs. of state, for yr. endg. Dec. 31. (4 *same* 1883 (pp. 85-88)—5 *same* 1884.)

——. Schedule showing value of property, by counties, assessed to Central Pacific R.R. Co. leased lines, etc., for 1882, in Cal.; amt. of taxes charged agst. same, and amt. of taxes paid. (4 *same* 1883 (p. 57)—5 *same* 1884.)

1883. Westbound through freight; stmt. showing Central Pacific R.R. earnings, and Cal. proportion of same. (5 *same* 1884: 37.)

——. Eastbound and throughbound freight; stmt. showing Central Pacific R.R. earnings, and Cal. proportion of same. (5 *same* 1884: 37.)

——. Proceedings and methods of comn. chronologically stated and reviewed with reference to fixing freight and passenger rates; majority and minority opinions in case of Richards and Harrison, plaintiff, vs. Central Pacific R.R. Co., defendant. (4 *same* 1883: 13-34.)

1883-1884. Reasons, with additional arguments for protest agst. action contemplated by comrs. in matter of reducing freight rates of Central Pacific R.R. Co. (4 *same* 1883 (pp. 67-75)—5 *same* 1884.)

——. Protest of Central Pacific R.R. Co. agst. enforcement of passenger rates prescribed by comrs. (4 *same* 1883 (pp. 63-66)—5 *same* 1884.)

RAILROADS: INDIVIDUAL—cont'd

Central Pacific Railroad—cont'd

non-serial—cont'd

——. Comparative grain stmt. in Central Pacific R.R. tonnage in 1883, using comrs. rates in effect Jan. 1, 1884. (6 *same* 1885: 56-61.)

1884. Table giving analyses and distribution by states and territories of the passenger traffic of Central Pacific R.R. and leased lines; shows no. of passengers, mileage, earnings, average miles traveled by each passenger, and average charge per passenger per miles in cents originating and terminating in each of following states and territories: Cal., Nev., Texas, Utah., Ariz., and N. M. (6 *same* 1885: 43-44.)

——. Complaint of W. H. Robinson vs. The Central Pacific R.R. Co. (5 *same* 1884: 15-16.)

1885. Rates on wheat as charged by Central Pacific R.R. to tidewater, compared with rates charged by Texas and Pacific Rwy. to New Orleans; Missouri Pacific Rwy. to St. Louis.; St. Louis and Santa Fe Rwy. to St. Louis; Chicago, Milwaukee and St. Paul Rwy. to Milwaukee; and Chicago and Northwestern Rwy. to Chicago. (6 *same* 1885 foldg. table.)

——. Comments on the Ore. division of Central Pacific R.R.; its importance and progress. (6 *same* 1885: 34-35.)

——. Comparative cattle stmt. showing current rates on Central Pacific R.R. as compared with proposed rates by Cal. r.r. comrs.; Kansas comrs., Union Pacific Rwy., for same mileage. (6 *same* 1885: 62-63.)

——. Comparison of wheat rates, as charged by Chicago and Northwestern Rwy. and Central Pacific R.R. (6 *same* 1885: 53.)

——. Same; as charged by Chicago, Milwaukee and St. Paul Rwy. and Central Pacific R.R. (6 *same* 1885: 52.)

1894. Govs. aid in construction of Central Pacific and Western Pacific R.Rs.—liability of assisting cos. as original stockholders for their pro rata share of the indebtedness of cos. to U. S. govt.; stmts. of co. subscriptions to capital stock of said r.r. cos.; also U. S. subsidy bonds issued to same with date of issue. (Rept. atty. gen. 1893/4: 25-30.)

Chino Valley Railroad

serial

1895/6. Rept.

In Documents as follows:
1895/6 in Bienn. rept. r.r. comrs. 1895/6: 329-330.

Colusa and Chico Railroad Company

serial

1878-1880. Repts.

In Documents as follows:
1878 in Bienn. rept. comr. transportation 1877/8 app. p. 417.
1879 omitted.
1880 in 3 Ann. rept. r.r. comrs. 1880/2: 211.

Colusa and Lake Railroad Company

serial

1888-1899/00. Repts.

In Documents as follows:
1888 in 10 Ann. rept. r.r. comrs. 1889 app. pp. 178-183.
1889 omitted.
1890 in 12 Ann. rept. r.r. comrs. 1890/1: 234-238.
1891 " 13 " " " " 1891/2: 295-298.
1892/3 " 1 Bienn. " " " 1893/4: 134-138.
1893/4 " 1 " " " " 1893/4: 307-311.
1895/6 " 2 " " " " 1895/6: 314-319.
1896/8 not printed.
1899/00 in Ann. rept. r.r. comrs. 1900: 274-279.

non-serial

1899. Complaint of O. Sullivan vs. Colusa and Lake R.R. Co. re. excessive passenger rates. (3 bienn. rept. r.r. comrs. 1899/00: 16-19.)

RAILROADS: INDIVIDUAL—cont'd

Crescent City and Smith River Railroad

serial

1895/6-1899/00. Repts.
In Documents as follows:
1895/6 in Bienn. rept. r.r. comrs. 1895/6: 292-296.
1896/8 not printed.
1899/00 in Ann. rept. r.r. comrs. 1900: 261-264.

non-serial

1898. Request of Crescent City and Smith River R.R. to increase passenger fare. (3 bienn. rept. r.r. comrs. 1899/00: 45-46.)

Eel River and Eureka Railroad Company

serial

1888-1899/00. Repts.
In Documents as follows:
1888 in 10 Ann. rept. r.r. comrs. 1889 app. pp. 128-135.
1889 omitted.
1890 in 12 Ann. rept. r.r. comrs. 1890/1: 213-219.
1891 " 13 " " " " 1891/2: 275-281.
1892/3 " 1 Bienn. " " " 1893/4: 176-188.
1893/4 " 1 " " " " 1893/4: 343-349.
1895/6 " 2 " " " " 1895/6: 221-229.
1896/8 not printed.
1899/00 in Ann. rept. r.r. comrs. 1900: 199-207.

Gualala River Railway Company

serial

1895/6. Rept.
In Documents as follows:
1895/6 in Bienn. rept. r.r. comrs. 1895/6: 333-335.

Humboldt Logging Railway Company

serial

1881. Rept.
In Documents as follows:
1881 in 3 Ann. rept. r.r .comrs. 1880/2: 392.

Iron Mountain Railway Company

serial

1895/6-1899/00. Repts.
In Documents as follows:
1895/6 in Bienn. rept. r.r. comrs. 1895/6: 335-336.
1896/8 not printed.
1899/00 in Ann. rept. r.r. comrs. 1900: 296-298.

Los Angeles and Independence Railroad Company

serial

1875/6-1887. Repts.
In Documents as follows:
1875/6 in rept. bd. comrs. of transportation Dec. 1877 app. pp. 48-58.
1876/7 in rept. bd. comrs. of transportation Dec. 1877 app. pp. 319-328.
1877 in Bienn. rept. comrs. of transportation 1877/8 app. pp. 94-100.
1878 in Bienn. rept. comrs. of transportation 1877/8 app. pp. 337-341.
1880 in 3 Ann. rept. r.r. comrs. 1880/2: 212-216.
1881 " 3 " " " " 1880/2: 392-397.
1882 " 5 " " " " 1884: 85-90.
1883 " 5 " " " " 1884: 243-248.
1884 " 7 " " " " 1886: 87-92.
1885 " 7 " " " " 1886: 259-264.
1886 " 8 " " " " 1887 app. pp. 78-82.
1887 " 9 " " " " 1888: 161-165.

Los Angeles and Pacific Railway Company

serial

1888. Rept.
In Documents as follows:
1888 in 10 Ann. rept. r.r. comrs. 1889 app. pp. 107-121.

Los Angeles, Pasadena, and Glendale Railway Company

1890. Schedules of local passenger tariff in effect Mch. 12, 1890, also May 1, 1890—Los Angeles, Pasadena, and Glendale Rwy. Co. (12 A.R. r.r. comrs. 1891: 40-41.)

1891. Complaint of The People ex rel. The Bd. of R.R. Comrs. vs. Los Angeles, Pasadena, and Glendale Rwy. Co. (12 *same* 1891: 36-39.)

Los Angeles and Redondo Railway Company

serial

1895/6-1899/00. Repts.
In Documents as follows:
1895/6 in Bienn. rept. r.r. comrs. 1895/6: 240-247.
1896/8 not printed.
1899/00 in Ann. rept. r.r. comrs. 1900: 221-228.

RAILROADS: INDIVIDUAL—cont'd

Los Angeles and San Diego Railroad Company

serial

1876/7-1887. Repts.
In Documents as follows:
1876/7 in rept. bd. comrs. transportation Dec. 1877 app. pp. 329-332.
1877 in 1 Bienn. rept. comr. transportation 1877/8 app. pp. 101-106.
1878 in 1 Bienn. rept. comr. transportation 1877/8 app. pp. 342-344.
1879 omitted.
1880 in 3 Ann. rept. r.r. comrs. 1880/2: 216-221.
1881 " 3 " " " " 1880/2: 397-402.
1882 " 5 " " " " 1884: 90-93.
1883 " 5 " " " " 1884: 248-252.
1884 " 7 " " " " 1886: 92-96.
1885 " 7 " " " " 1886: 264-269.
1886 " 8 " " " " 1887 app. pp. 82-86.
1887 " 9 " " " " 1888: 165-169.

Los Angeles and San Gabriel Valley Railroad Company

serial

1885-1886. Repts.
In Documents as follows:
1885 in 7 Ann. rept. r.r. comrs. 1886: 269-273.
1886 " 8 " " " " 1887 app. pp. 86-89.

Los Angeles Terminal Railway Company

serial

1891-1899/00. Repts.
In Documents as follows:
1891 in 13 Ann. rept. r.r. comrs. 1891/2: 330-336.
1892/3 " 1 Bienn. " " " 1893/4: 125-133.
1893/4 " 1 " " " " 1893/4: 298-306.
1895/6 " 2 " " " " 1895/6: 264-273.
1896/8 not printed.
1899/00 in Ann. rept. r.r. comrs. 1900: 228-237.

non-serial

1891. Summary of gross earnings and operating expenses of Los Angeles Terminal Rwy. Co. for 12 mos. endg. Feb. 28. (12 A.R. r.r. comrs. 1891: 39.)

——. Schedule of passenger tariff in effect Jan. 15, 1891—Los Angeles Terminal Rwy. Co., Pasadena Division. (12 *same* 1891: 42.)

McCloud River Railroad Company

serial

1899/00. Rept.
In Documents as follows:
1899/00 in Ann. rept. r.r. comrs. 1900: 289-295.

Mendocino Railroad Company

serial

1875/6-1881. Repts.
In Documents as follows:
1875/6 in rept. bd. comrs. transportation Dec. 1877 app. pp. 140-146.
1876/7 in rept. bd. comrs. transportation Dec. 1877 app. pp. 404-408.
1877 in Bienn. rept. comr. transportation 1877/8 app. pp. 183-191.
1878 in Bienn. rept. comr. transportation 1877/8 pp. 418-421.
1879 omitted.
1881 in 3 Ann. rept. r.r. comrs. 1880/2: 402-404.

Mill Valley and Mt. Tamalpais Scenic Railway

serial

1899/00. Rept.
In Documents as follows:
1899/00 in Ann. rept. r.r. comrs. 1900: 298-302.

Monterey Railroad Company

serial

1881-1887. Repts.
In Documents as follows:
1881 in 3 Ann. rept. r.r. comrs. 1880/2: 405-415.
1882 " 5 " " " " 1884: 94-98.
1883 " 5 " " " " 1884: 252-256.
1884 " 7 " " " " 1886: 96-101.
1885 " 7 " " " " 1886: 274-277.
1886 " 8 " " " " 1877 app. pp. 89-93.
1887 " 9 " " " " 1888: 169-173.

Monterey and Salinas Valley Railroad Company

serial

1875/6-1877. Repts.
In Documents as follows:
1875/6 in rept. bd. comrs. transportation Dec. 1877 app. pp. 147-163.

RAILROADS: INDIVIDUAL—cont'd

Monterey and Salinas Valley Railroad Company—cont'd

serial—cont'd

1876/7 in rept. bd. comrs. transportation Dec. 1877 app. pp. 409-414.
1877 in Bienn. rept. comr. transportation 1877/8 app. pp. 192-198.

National City and Otay Railway Company

serial

1888-1899/00. Repts.

In Documents as follows:

1888 in 10 Ann. rept. r.r. comrs. 1889 app. pp. 190-195.
1889 omitted.
1890 in 12 Ann. rept. r.r. comrs. 1890/1 : 228-233.
1891 " 13 " " " " 1891/2 : 289-294.
1892/3 omitted.
1893/4 in 1 Bienn. rept. r.r. comrs. 1893/4 : 382-384.
1895/6 " 2 " " " " 1895/6 : 237-239.
1896/8 none printed.
1899/00 in Ann. rept. r.r. comrs. 1900 : 238-241.

Nevada and California Railroad

serial

1888. Rept.

In Documents as follows:

1888 in 10 Ann. rept. r.r. comrs. 1889 app. pp. 204-212.

Nevada-California-Oregon Railway

serial

1890-1899/00. Repts.

In Documents as follows:

1890 in 12 Ann. rept. r.r. comrs. 1890/1 : 203-212.
1891 " 13 " " " " 1891/2 : 267-274.
1892 " 1 Bienn. " " " 1893/4 : 117-124.
1893/4 " 1 " " " " 1893/4 : 290-297.
1894/5 " 2 " " " " 1895/6 : 213-221.
1896/8 not printed.
1899/00 in Ann. rept. r.r. comrs. 1900 : 192-199.

Nevada County Narrow Gauge Railroad

serial

1876/7-1899/00. Repts.

In Documents as follows:

1876/7 in rept. bd. comrs. transportation Dec. 1877 app. pp. 415-425.
1877 in Bienn. rept. comr. transportation 1877/8 app. pp. 199-206.
1878 in Bienn. rept. comr. transportation 1877/8 app. pp. 423-430.
1880 in 3 Ann. rept. r.r. comrs. 1880/2 : 291-299.
1881 " 3 " " " " 1880/2 : 465-472.
1882 " 5 " " " " 1884 : 160-167.
1883 " 5 " " " " 1884 : 317-323.
1884 " 7 " " " " 1886 : 163-169.
1885 " 7 " " " " 1886 : 348-355.
1886 " 8 " " " " 1887 app. pp. 178-185.
1887 " 9 " " " " 1888 : 259-266.
1888 " 10 " " " " 1889 app. pp. 196-203.
1889 omitted.
1890 in 12 Ann. rept. r.r. comrs. 1890/1 : 220-227.
1891 " 13 " " " " 1891/2 : 282-288.
1892/3 " 1 Bienn. " " " 1893/4 : 138-147.
1893/4 " 1 " " " " 1893/4 : 311-318.
1895/6 " 2 " " " " 1895/6 : 229-236.
1896/8 not printed.
1899/00 in Ann. rept. r.r. comrs. 1900 : 207-215.

non-serial

1884. Stmt. from supt. of Nev. Co. Narrow Gauge R.R. showing why reductions in rates should not be made corresponding with those on Central and Southern Pacific and leased lines. (5 A.R. r.r. comrs. 1884: 74-75.)

1892. Tariff rates now in force over the Nevada Co. Narrow Gauge R.R. (13 *same* 1891/2: 159-160.)

North Pacific Coast Railroad Company

serial

1875/6-1899/00. Repts.

In Documents as follows:

1875/6 in rept. bd. comrs. transportation Dec. 1877 app. pp. 164-169.
1876/7 in rept. bd. comrs. transportation 1877 app. pp. 426-432.
1877 in Bienn. rept. comr. transportation 1877/8 app. pp. 207-213.
1878 in Bienn. rept. comr. transportation 1877/8 app. pp. 431-437.
1880 in 3 Ann. rept. r.r. comrs. 1880/2 : 299-307.
1881 " 3 " " " " 1880/2 : 472-480.
1882 " 5 " " " " 1884 : 167-175.
1883 " 5 " " " " 1884 : 324-332.

RAILROADS: INDIVIDUAL—cont'd

North Pacific Coast Railroad Company—cont'd

serial—cont'd

1884 in 7 Ann. rept. r.r. comrs. 1886 : 170-178.
1885 " 7 " " " " 1886 : 355-364.
1886 " 8 " " " " 1887 app. pp. 185-194.
1887 " 9 " " " " 1888 : 266-274.
1888 " 10 " " " " 1889 app. pp. 147-155.
1889 omitted.
1890 in 12 Ann. rept. r.r. comrs. 1890/1 : 185-192.
1891 " 13 " " " " 1891/2 : 253-260.
1892/3 " 1 Bienn. " " " 1893/4 : 83-95.
1893/4 " 1 " " " " 1893/4 : 269-277.
1895/6 " 2 " " " " 1895/6 : 194-203
1896/8 not printed.
1899/00 in Ann. rept. r.r. comrs. 1900 : 174-182.

non-serial

1883. Stmts. from officers of North Pacific Coast R.R. Cos.; Vaca Valley and Clear Lake R.R. and Cal. Southern R.R. Co., showing why reductions in rates should not be made corresponding with those on Central and Southern Pacific and leased lines. (4 A.R. r.r. comrs. 1883 (pp. 80-84)—5 *same* 1884.)

1889. Complaint of Heineman on North Pacific Coast R.R. Co. (10 *same* 1889: 73-74.)

Northern California Railroad Company; see above, California Northern, 2 series

Northern Railway Company

serial

1875/6-1896/8. Repts.

In Documents as follows:

1875/6 in rept. comrs. of transportation Dec. 1877 app. pp. 60-61.
1876/7 in rept. of bd. of transportation Dec. 1877 app. pp. 333-337.
1877 in Bienn. rept. comr. transportation 1877/8 app. pp. 107-113.
1878 in Bienn. rept. comr. transportation 1877/8 app. pp. 345-351.
1879 omitted.
1880 in 3 Ann. rept. r.r. comrs. 1880/2 : 221-227.
1881 omitted.
1882 in 5 Ann. rept. r.r. comrs. 1884 : 98-103.
1883 " 5 " " " " 1884 : 256-261.
1884 " 7 " " " " 1886 : 103-109.
1885 " 7 " " " " 1886 : 279-288.
1886 " 8 " " " " 1887 app. pp. 96-101.
1887 " 9 " " " " 1888 : 175-180.
1888 " 10 " " " " 1889 app. pp. 52-58.
1889 omitted.
1890 in 12 Ann. rept. r.r. comrs. 1890/1 : 136-140.
1891 " 13 " " " " 1891/2 : 207-210.
1892/3 " 1 Bienn. " " " 1893/4 : 41-45.
1893/4 " 1 " " " " 1893/4 : 249-255.
1895/6 " 2 " " " " 1895/6 : 136-142.

Pacific Coast Railway Company

serial

1882-1899/00. Repts.

In Documents as follows:

1882 in 5 Ann. rept. r.r. comrs. 1884 : 175-180.
1883 " 5 " " " " 1884 : 332-335.
1884 " 7 " " " " 1886 : 178-181.
1885 " 7 " " " " 1886 : 364-368.
1886 " 8 " " " " 1887 app. pp. 194-199.
1887 " 9 " " " " 1888 : 274-279.
1888 " 10 " " " " 1889 app. pp. 156-165.
1889 none printed.
1890 in 12 Ann. rept. r.r. comrs. 1890/1 : 193-202.
1891 " 13 " " " " 1891/2 : 261-266.
1891/2 " 1 Bienn. " " " 1892/4 : 95-100.
1893/4 " 1 " " " " 1893/4 : 278-282.
1894/5 " 2 " " " " 1895/6 : 203-213.
1896/8 not printed.
1899/00 in Ann. rept. r.r. comrs. 1900 : 183-191.

Pacific Lumber Company

serial

1895/6-1899/00. Repts.

In Documents as follows:

1895/6 in Bienn. rept. r.r. comrs. 1895/6 : 331-333.
1896/8 not printed.
1899/00 in Ann. rept. r.r. comrs. 1900 : 283-285.

Pacific Lumber and Wood Company

serial

1899/00. Rept.

In Documents as follows:

1899/00 in Ann. rept. r.r. comrs. 1900 : 286-289.

RAILROADS: INDIVIDUAL—cont'd

Pacific Railroad Company

1855. Suggestion to again memorialize Congress on importance of Pacific R.R. (Govs. mess. 1855: 26-27.)

1856. Review of advantages of constructing Pacific R.R., suggesting land donations by Congress of alternate sections along route selected. (*Same* 1856: 25-28.)

1857. Rept. recommending passage of res. re. Pacific R.R. (Assem. jol. 8 sess. pp. 331-332.)

1860. Communication from secy. of Pacific R.R. Co. asking for apprn. to print repts., speeches, and proc. of convention. (*Same* 11 sess. pp. 589-590.)

1864. The Pacific R.R. state aid law and legal opinions, with decisions. 55 pp.
No entry; entry from Library of Congress cards.

——. Veto of act to aid in construction of Cal. portion of Pacific R.R. from S. F. to eastern boundary of state and to create funded debt for payment of same. (Sen. jol. 15 sess. pp. 688-689.)

1864/5-1875. Pacific R.R. interest fund; receipts and payments. (A.R. state treasurer 1864/5 (p. 13)—bienn. rept. *same* 1873/5.)

1865-1873. Stmt. of condition of Pacific R.R. fund. (A.R. state controller 1864/5 (pp. 86-87)—bienn. rept. *same* 1871/3.)

1871. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for aid to Pacific R.R. (*Same* 1869/71: 78.)

1891. Petition of Farmers' Alliance and Industrial Union remonstrating agst. passage of bill to extend time for payment of Pacific R.R's. debts for 50 yrs. at 2% interest. (Sen. jol. 29 sess. pp. 357-361.)

Pajaro and Santa Cruz Railroad Company

serial

1884-1887. Repts.
In Documents as follows:
1884 in 7 Ann. rept. r.r. comrs. 1886: 182-1886.
1885 omitted.
1886 in 8 Ann. rept. r.r. comrs. 1887 app. pp. 101-105.
1887 " 9 " " " " 1888: 180-184.

Pajaro Valley Railroad Company

serial

1895/6-1899/00. Repts.
In Documents as follows:
1895/6 in Bienn. rept. r.r. comrs. 1895/6: 325-328.
1896/8 not printed.
1899/00 in Ann. rept. r.r. comrs. 1900: 279-282.

Pittsburg Railroad Company

serial

1875/6-1881. Repts.
In Documents as follows:
1875/6 in rept. of bd. of comrs. of transportation Dec. 1877 app. pp. 62-75.
1876/7 in rept. of bd. of comrs. of transportation Dec. 1877 app. pp. 338-344.
1877 in 1 Bienn. rept. comr. transportation 1877/8 app. pp. 114-121.
1878 in 1 Bienn. rept. comrs. transportation 1877/8 app. pp. 352-356.
1879 omitted.
1880 in 3 Ann. rept. r.r. comrs. 1880/2: 227-232.
1881 " 3 " " " " 1880/2: 415-418.

Placerville and Sacramento Valley Railroad

serial

1 series

1875/6-1880. Repts. of Placerville and Sacramento Valley R.R. Co.
In Documents as follows:
1875/6 in rept. of bd. of comrs. of transportation Dec. 1877 app. pp. 76-77.
1876/7 in rept. of bd. of comrs. of transportation Dec. 1877 app. pp. 345-351.
1877 in Bienn. rept. comr. transportation 1877/8 app. pp. 122-132.
1878 in Bienn. rept. comr. transportation 1877/8 app. pp. 357-363.
1879 omitted.
1880 in 3 Ann. rept. r.r. comrs. 1880/2: 232-240.

RAILROADS: INDIVIDUAL—cont'd

Placerville and Sacramento Valley Railroad—cont'd

serial—cont'd

2 series

1882-1887. Repts. of Sacramento and Placerville R.R. Co.
In Documents as follows:
1882 in 5 Ann. rept. r.r. comrs. 1884: 103-109.
1883 " 5 " " " " 1884: 261-268.
1884 " 7 " " " " 1886: 109-116.
1885 " 7 " " " " 1886: 288-296.
1886 " 8 " " " " 1887 app. pp. 105-112.
1887 " 9 " " " " 1888: 184-190.

non-serial

1866. Veto of act to aid construction of the Placerville and Sacramento Valley and the Western Pacific R.Rs. (Assem. jol. 16 sess. pp. 789-791.)

1891. Table giving rates on livestock on Sacramento and Placerville R.R. (12 A.R. r.r. comrs. 1891: 22.)

Pullman Palace Car Company

1898. Res. re. Pullman Palace Car Co. and opinion of atty. gen. and decision of comrs. (3 bienn. rept. r.r. comrs. 1899/00: 12-16.)

Randsburg Railway Company

serial

1899/00. Rept.
In Documents as follows:
1899/00 in Ann. rept. r.r. comrs. 1900: 303-308.

Redondo Railway Company

serial

1890-1893/4. Repts.
In Documents as follows:
1890 in 12 Ann. rept. r.r. comrs. 1890/1: 254-261.
1891 " 13 " " " " 1891/2: 313-320.
1892/3 " 1 Bienn. " " " 1893/4: 147-154.
1893/4 " 1 " " " " 1893/4: 318-324.

Sacramento and Placerville Railroad; see above, Placerville and Sacramento Railroad, 2 series

Sacramento Valley Railroad Company

serial

1875/6. Rept.
In Documents as follows:
1875/6 in rept. of bd. of comrs. of transportation Dec. 1877 app. pp. 78-80.

Salmon Creek Railroad Company

serial

1877-1878. Repts.
In Documents as follows:
1877 in Bienn. rept. comr. transportation 1877/8 app. pp. 133-134.
1878 in Bienn. rept. comr. transportation 1877/8 app. pp. 364-365.

San Diego, Cuyamaca, and Eastern Railway Company

serial

1890-1899/00. Repts.
In Documents as follows:
1890 in 12 Ann. rept. r.r. comrs. 1890/1: 264-268.
1891 " 13 " " " " 1891/2: 322-326.
1892/3 " 1 Bienn. " " " 1893/4: 154-162.
1893/4 " 1 " " " " 1893/4: 325-332.
1895/6 " 2 " " " " 1895/6: 247-257.
1896/8 not printed.
1899/00 in Ann. rept. r.r. comr. 1900: 241-248.

San Diego and Gila Railroad

1855. The San Diego and Gila R.R., organization, route, grades of proposed route. (A.R. surveyor gen. 1854/5: 228-234.)

San Diego and Gila Southern Pacific and Atlantic Railroad

1868. Rept. of San Diego delegation enumerating advantages of route from San Diego to the Colo. and beyond upon act concerning San Diego and Gila Southern Pacific and Atlantic R.R. Co., and to extend the time of performing certain acts. 15 pp. (App. to jols. 17 sess. v. 2 doc. 8.)

1872. Veto of act concerning the San Diego and Gila Southern Pacific and Atlantic R.R. Co. (Sen. jol. 19 sess. p. 642.)

RAILROADS: INDIVIDUAL—cont'd

San Diego, Pacific Beach, and La Jolla Railway Company

serial

1895/6-1899/00. Repts.

In Documents as follows:
1895/6 in Bienn. rept. r.r. comrs. 1895/6 : 257-268.
1896/8 not printed.
1899/00 in Ann. rept. r.r. comrs. 1900 : 249-254.

San Francisco and North Pacific Railroad

serial

1875/6-1899/00. Repts.

In Documents as follows:
1875/6 in rept. of bd. of comrs. of transportation Dec. 1877 app. pp. 81-93.
1876/7 in rept. of bd. of comrs. of transportation Dec. 1877 app. pp. 352-356.
1877 in Bienn. rept. comr. transportation 1877/8 app. pp. 135-143.
1878 in Bienn. rept. comr. transportation 1877/8 app. pp. 366-372.
1879 omitted.
1880 in 3 Ann. rept. r.r. comrs. 1880/2 : 240-248.
1881 " 3 " " " " 1880/2 : 418-427.
1882 " 5 " " " " 1884 : 109-117.
1883 " 5 " " " " 1884 : 269-276.
1884 " 7 " " " " 1886 : 116-124.
1885 " 7 " " " " 1886 : 296-304.
1886 " 8 " " " " 1887 app. pp. 112-120.
1887 " 9 " " " " 1888 : 190-197.
1888-1889 omitted.
1890 in 12 Ann. rept. r.r. comrs. 1890/1 : 169-181.
1891 " 13 " " " " 1891/2 : 237-249.
1892/3 " 1 Bienn. " " " 1893/4 : 68-83.
1893/4 " 1 " " " " 1893/4 : 258-269.
1895/6 " 2 " " " " 1895/6 : 176-186.
1896/8 not printed.
1899/00 in Ann. rept. r.r. comrs. 1900 : 155-159.

non-serial

1887. Complaints agst. S. F. and North Pacific R.R. Co. of discrimination and exorbitant charges in passenger fares and freight rates. (8 A.R. r.r. comrs. 1887: 48-50.)

1889. Comparative stmts. of S. F. and North Pacific R.R. of old freight tariff and new freight tariff. (10 *same* 1889: 59-62.)

——. Jas. Finlayson vs. S. F. and North Pacific R.R. Co. complaining of r.r. cos. raising their rates after having once lowered them. (10 *same* 1889: 59.)

1891. Complaint of W. P. Ink et al. vs. S. F. and North Pacific R.R. Co. re. fares and freight charges. (12 *same* 1891: 51-54.)

——. Complaint of J. M. Fleuring et al. vs. S. F. and North Pacific R.R. Co. (13 *same* 1891/2: 40-43.)

San Francisco and San Joaquin Valley Railway

serial

1895/6-1899/00. Repts.

In Documents as follows:
1895/6 in Bienn. rept. r.r. comrs. 1895/6 : 289-291.
1896/8 not printed.
1899/00 in Ann. rept. r.r. comrs. 1900 : 142-154.

non-serial

1895. Comments on reduction of rates, and schedule of grain rates in carloads of 24,000 lbs. and upwards; S. F. and San Joaquin Valley Ry. Co. (2 bienn. rept. r.r. comrs. 1895/6: 60-61.)

1900. Application for approval of passenger tariff over S. F. and San Joaquin Valley Rwy. (3 *same* 1899/00: 60-62.)

San Joaquin and Sierra Nevada Railroad Company

serial

1882-1887. Repts.

In Documents as follows:
1882 in 5 Ann. rept. r.r. comrs. 1884 : 180-1881.
1883 " 5 " " " " 1884 : 335-343.
1884 " 7 " " " " 1886 : 186-192.
1885 " 7 " " " " 1886 : 369-375.
1886 " 8 " " " " 1887 app. pp. 199-205.
1887 " 9 " " " " 1888 : 279-285.

San Joaquin and Yosemite Railroad Company

serial

1886-1887. Repts.

In Documents as follows:
1886 in Ann. rept. r.r. comrs. 1887 app. p. 120.
1887 " 9 " " " " 1888 : 197-198.

RAILROADS: INDIVIDUAL—cont'd

San Jose and Almaden Railroad Company

serial

1886-1887. Repts.

In Documents as follows:
1886 in 8 Ann. rept. r.r. comrs. 1887 app. pp. 121-124.
1887 " 9 " " " " 1888 : 198-202.

San Luis Obispo and Santa Maria Valley Railroad Company

serial

1876/7-1881. Repts.

In Documents as follows:
1876/7 in rept. bd. comrs. transportation Dec. 1877 app. pp. 434-441.
1877 in Bienn. rept. comr. transportation 1877/8 app. pp. 214-222.
1878 in Bienn. rept. comr. transportation 1877/8 app. pp. 438-445.
1880 in 3 Ann. rept. r.r. comrs. 1880/2 : 307-313.
1881 " 3 " " " " 1880/2 : 480-488.

San Pablo and Tulare Railroad Company

serial

1875/6-1887. Repts.

In Documents as follows:
1875/6 in rept. of bd. of comrs. of transportation Dec. 1877 app. p. 94.
1876/7 in rept. of bd. of comrs. of transportation Dec. 1877 app. pp. 357-359.
1877 in Bienn. rept. comr. transportation 1877/8 app. pp. 144-149.
1878 in Bienn. rept. comr. transportation 1877/8 app. pp. 373-378.
1880 in 3 Ann. rept. r.r. comrs. 1880/2 : 248-253.
1881 " 3 " " " " 1880/2 : 427-432.
1882 " 5 " " " " 1884 : 117-121.
1883 " 5 " " " " 1884 : 276-281.
1884 " 7 " " " " 1886 : 124-129.
1885 " 7 " " " " 1886 : 304-309.
1886 " 8 " " " " 1887 app. pp. 124-129.
1887 " 9 " " " " 1888 : 202-206.

San Rafael and San Quentin Railroad Company

serial

1875/6. Rept.

In Documents as follows:
1875/6 in rept. bd. comrs. transportation Dec. 1877 app. pp. 208-209.
The road thereafter operated by South Pacific Coast R.R. Co.

Santa Ana and Newport Railway Company

serial

1895/6. Rept.

In Documents as follows:
1895/6 in Bienn. rept. r.r. comrs. 1895/6 : 296-303.

Santa Cruz Railroad Company

serial

1875/6-1880. Repts.

In Documents as follows:
1875/6 in rept. bd. comrs. transportation Dec. 1877 app. pp. 170-188.
1876/7 in rept. bd. comrs. transportation 1877 app. pp. 443-449.
1877 in Bienn. rept. comr. transportation 1877/8 app. pp. 223-229.
1878 in Bienn. rept. comr. transportation 1877/8 app. pp. 446-452.
1880 in 3 Ann. rept. r.r. comrs. 1880/2 : 313-322.

Santa Cruz and Fulton Railroad Company

serial

1875/6-1878. Repts.

In Documents as follows:
1875/6 in rept. bd. comrs. transportation Dec. 1877 app. pp. 189-207.
1876/7 in rept. bd. comrs. transportation Dec. 1877 app. pp. 450-460.
1877 in Bienn. rept. comr. transportation 1877/8 app. pp. 230-234.
1878 in Bienn. rept. comr. transportation 1877/8 app. pp. 453-457.
The road thereafter operated by South Pacific Coast R.R. Co.

Santa Fe Pacific Railroad Company

serial

1899/00. Rept.

In Documents as follows:
1899/00 in Ann. rept. r.r. ocmrs. 1900 : 130-142.

RAILROADS: INDIVIDUAL—cont'd

Sierra Railway Company of California

serial

1899/00. Rept.
In Documents as follows:
1899/00 in Ann. rept. r.r. comrs. 1900: 215-220.

Sierra Valley and Mohawk Railroad Company

serial

1890-1891. Repts.
In Documents as follows:
1890 in 12 Ann. rept. r.r. comrs. 1890/1: 262-263.
1891 " 13 " " " " 1891/2: 321.

Sierra Valleys Railway Company

1896-1900. Comparative stmt. giving delinquent taxes on rwys., assessed by state bd. of equalization; Sierra Valleys Rwy. Co. (pd. Mch. 23, 1901.) (Bienn. rept. state controller 1900/2: 130.)

Sonoma and Marin Railroad Company

serial

1875/6. Rept.
In Documents as follows:
1875/6 in rept. of bd. of comrs. of transportation Dec. 1877 app. pp. 95-99.

Sonoma Valley Railroad Company

serial

1878-1888. Repts.
In Documents as follows:
1878 in Bienn. rept. comr. transportation 1877/8 app. p. 459.
1879 omitted.
1880 in 3 Ann. rept. r.r. comrs. 1880/2: 322-323.
1881 " 3 " " " " 1880/2: 489-495.
1882 " 5 " " " " 1884: 181-186.
1883 " 5 " " " " 1884: 344-349.
1884 " 7 " " " " 1886: 192-196.
1885 " 7 " " " " 1886: 375-380.
1886 " 8 " " " " 1887 app. pp. 205-210.
1887 " 9 " " " " 1888: 285-289.
1888 " 10 " " " " 1889 app. pp. 166-172.

South Bay Railroad and Land Company

serial

1875/6-1878. Repts.
In Documents as follows:
1875/6 in rept. of bd. of comrs. of transportation Dec. 1877 app. pp. 100-104.
1877 no rept. made.
1878 in Bienn. rept. comr. of transportation 1877/8 app. p. 379.

South Pacific Coast Railway

serial

1875/6-1899/00. Repts.
In Documents as follows:
1875/6 in rept. bd. comrs. transportation Dec. 1877 app. pp. 210-214.
1877 in Bienn. rept. comr. transportation 1877/8 app. pp. 236-240.
1878 in Bienn. rept. comr. transportation 1877/8 app. pp. 460-464.
1879 omitted.
1880 in 3 Ann. rept. r.r. comrs. 1880/2: 323-331.
1881 " 3 " " " " 1880/2: 495-503.
1882 " 5 " " " " 1884: 186-194.
1883 " 5 " " " " 1884: 349-356.
1884 " 7 " " " " 1886: 137-203.
1885 " 7 " " " " 1886: 380-385.
1886 " 8 " " " " 1887 app. pp. 210-218.
1887 " 9 " " " " 1888: 289-297.
1888 " 10 " " " " 1889: 143-146.
1889 omitted.
1890 in 12 Ann. rept. r.r. comrs. 1890/1: 141-143.
1891 " 13 " " " " 1891/2: 211-213.
1892/3 " 1 Bienn. " " " 1893/4: 34-37.
1893/4 " 1 " " " " 1893/4: 240-244.
1895/6 " 2 " " " " 1895/6: 143-148.
1896/8 not printed.
1899/00 in Ann. rept. r.r. comrs. 1900: 108-113.

non-serial

1889. Complaint of J. Cunningham et al. vs. The South Pacific Coast Rwy. Co. (10 A.R. r.r. comrs. 1889: 66-69.)

1891. Stmt. of earnings and operating expenses of Boulder Creek branch of South Pacific Coast Rwy. (12 *same* 1891: 69.)

RAILROADS: INDIVIDUAL—cont'd

Southern Pacific Company

serial

1885-1899/00. Repts.
In Documents as follows:
1885 in 7 Ann. rept. r.r. comrs. 1886: 322-330.
1886 " 8 " " " " 1887 app. pp. 143-161.
1887 " 9 " " " " 1888: 222-242.
1888 " 10 " " " " 1889 app. pp. 27-41.
1889 omitted.
1890 in 12 Ann. rept. r.r. comrs. 1890/1: 99-114.
1891 " 13 " " " " 1891/2: 171-186.
1892/3 " 1 Bienn. " " " 1893/4: 3-16.
1893/4 " 1 " " " " 1893/4: 205-222.
1894/5 " 2 " " " " 1895/6: 337-353.
1895/6 " 2 " " " " 1895/6: 89-110.
1896/8 not printed.
1899/00 in Ann. rept. r.r. comrs. 1900: 65-98.

non-serial

1883-1886. Tables showing reductions in commercial freight taken up and laid down in Cal. over Southern Pacific Cos. lines—local and through—for last 4 yrs. (8 A.R. r.r. comrs. 1887: 51-52.)

1885. Comparative wool stmt. showing Southern Pacific Co's. current rates compared with Cal. and Kans. comn. rates. (6 *same* 1885: 54-55.)

——. Tabular stmt. showing recent changes and reductions of through and local passenger fares by Southern Pacific Co. (6 *same* 1885: 49-51.)

1885-1886. Controversy betw. comn. and Atlantic and Pacific Co. now owning and operating the Southern Pacific road from the Needle to Mojave, in Cal. (6 *same* 1885 (pp. 24-32)—7 *same* 1886.)

1886-1887. Southern Pacific Co.—Pacific system and northern division—stmt. showing miles of road operated Jan. 1 to Dec. 31. (7 *same* 1886 (pp. 46-48)—8 *same* 1887.)

——. Traffic; table showing summary of operations of Southern Pacific Co., 1886, compared with 1887. (9 *same* 1888: 33.)

1887. A. Bretz, plaintiff, vs. The Southern Pacific Co. of Ky. (a r.r. corporation), defendant. (8 *same* 1887: 43-44.)

——. Schedule of passenger fares over Southern Pacific Co. lines, in cents per mile. (8 *same* 1887: 46-47.)

——. Stmt. giving new mileage added to Southern Pacific Co's. lines in Cal. in 1887. (8 *same* 1887: 53.)

1887-1888. Complaint of W. H. Robinson vs. the Southern Pacific Co. and the South Pacific Coast R.R. Co. (8 *same* 1887 (pp. 15-34)—9 *same* 1888.)

1887-1890. Table showing summary of operations of Southern Pacific Co., 1887 compared with 1890. (10 *same* 1889 (p. 38)—11 *same* 1890.)

1888. Same; classification applying to Southern Pacific Co. (Northern Division). (9 *same* 1888: 49.)

——. Comparative table showing rates on (Northern Division) Southern Pacific Co., and rates on Wabash Western R.R. Co., state of Mo., to five different stations out of S. F. and St. Louis. (9 *same* 1888: 48.)

1888-1889. Stmt. showing additions to mileage in Cal., by construction of new lines: Southern Pacific Co., Cal. Central R.R. Co., and S. F. and North Pacific R.R. Co. (9 *same* 1888 (pp. 23-25)—10 *same* 1889.)

1888-1890. Comparative stmt. showing local passenger rates in effect on lines of Southern Pacific Co., with similar rates east and west of Chicago, Ill. (9 *same* 1888 (pp. 37-38)—11 *same* 1890.)

1889. Returns from 26 corporations in state; 25 were organized under laws of state, and one, Southern Pacific, under laws of Ky. (11 *same* 1890: 13-30.)

——. Comparative stmts. of defendants; Southern Pacific Co. (Northern Division); comparative stmts. of rates on hay in carloads. (10 *same* 1889: 99.)

——. Sneath vs. Southern Pacific Co. (coast division). (10 *same* 1889: 77-98.)

RAILROADS: INDIVIDUAL—cont'd

Southern Pacific Company—cont'd

non-serial—cont'd

1889. Case of Chas. Weile vs. Southern Pacific Co. (10 *same* 1889: 71-73.)

——. Reduction of 20% in ticket rates; Southern Pacific Co. (Pacific system) Clear Lake Divisions. (10 *same* 1889: 65.)

——. Stmt. showing no. of overland passengers, east and west, to and from Cal., from Jan. to Sept., inclusive; Southern Pacific Co. (10 *same* 1889: 40-41.)

1890/1. List of new roads constructed by the Southern Pacific Co. in Cal. during yr. endg. July 1. (12 *same* 1891: 88.)

1891. Comrs'. decision in case of R. G. Sneath vs. Southern Pacific Co. (12 *same* 1891: 14.)

——. Case of Gus. Walters vs. The Southern Pacific Co. (12 *same* 1891: 14-15.)

——. Case of E. S. Bryant and J. H. Miller vs. Southern Pacific Co. (12 *same* 1891: 16-19.)

——. Complaint of Farmers' Alliance of Paso Robles vs. Southern Pacific Co. for relief in matter of r.r. facilities in connection with their grain warehouse. (12 *same* 1891: 75-79.)

——. Complaint of Sta. Clara Valley Mill and Lumber Co. et al. vs. Southern Pacific Co. re. excessive rates charged by road. (12 *same* 1891: 65-68.)

——. Complaint of Glenwood Lumber Co. et al. vs. Southern Pacific Co. re. freight charges on cordwood. (12 *same* 1891: 58-60.)

——. Petition of Hall, Luhrs & Co. et al. vs. Southern Pacific Co. re. passenger travel on freight trains. (12 *same* 1891: 62-65.)

——. Complaint of Joshua Chadbourne vs. Southern Pacific Co.—excessive freight charges. (12 *same* 1891: 46-48.)

——. Decision of bd. of r.r. comrs. in case of J. W. Gilman et al vs. Southern Pacific Co., with schedules A-D for proposed rates on Fresno division. (12 *same* 1891: 27-31.)

1891/2. Recommendation for apprn. from legisl. re. employment of expert in case of R. O. Shively vs. Southern Pacific Co. (13 *same* 1891/2: 9.)

——. History of proceedings which led to filing of complaint by R. O. Shively vs. The Southern Pacific Co. (13 *same* 1891/2: 6-9.)

1892. Complaint of T. T. Frickstad vs. Southern Pacific Co. (13 *same* 1891/2: 43-45.)

——. Opinions of Comrs. Beckman and Litchfield re. Sta. Clara Valley Mill and Lumber Co. et al. vs. Southern Pacific Co. (13 *same* 1891/2: 45-47.)

——. Complaint of W. C. Hamilton vs. Southern Pacific Co. and answer of Southern Pacific Co. (13 *same* 1891/2: 157-158.)

——. Complaint of Glenwood Lumber Co. vs. Southern Pacific Co.; also answer of Southern Pacific Co. (13 *same* 1891/2: 151-154.)

——. Objections and demurrer of Southern Pacific Co.; R. O. Shively vs. Southern Pacific Co. (13 *same* 1891/2: 144-145.)

——. Extracts from Southern Pacific Co's. present freight schedule; commodity, grain (rye, oats, barley, corn, wheat). Carload lots on mixed freight. (13 *same* 1891/2: 138-143.)

——. Comparative tables showing difference betw. freight rates of Southern Pacific Co. and certain eastern r.rs. upon certain classes of produce, between practically equi-distant points. (13 *same* 1891/2: 134-138; 104-107.)

——. Comparative rates on grain in Cal.; Southern Pacific Co. from all points north of Tehachapi Mts. to Port Costa, except Coast Division. (13 *same* 1891/2: 91-97.)

RAILROADS: INDIVIDUAL—cont'd

Southern Pacific Company—cont'd

non-serial—cont'd

1892. Comparative stmt. of rates on commodities from Sacramento to points on Southern Pacific Co's. lines in Cal. and points in Minn. on Northern Pacific R.R. Co's. lines, distances from St. Paul. (13 *same* 1891/2: 83-90.)

——. Same; from Fresno to points on Southern Pacific Co's. lines in Cal. and points in Kans. on Mo Pacific Co.'s lines, like distances from Wichita. (13 *same* 1891/2: 73-82.)

——. Same; from S. F. to points on Southern Pacific Co's. lines in Cal. and points in Neb. on B. and M. R. R.R. in Neb., like distances from Omaha. (13 *same* 1891/2: 68-71.)

1893. Table showing comparison on grain betw. Union Pacific of Ore. and Southern Pacific of Cal. (1 bienn. *same* 1893/4: 63.)

1895. Table showing grain rates as charged by Southern Pacific Co. in Sept., 1895, rates as fixed by r.r. comrs. and those now charged by that co. from and to stations given therein. (2 *same* 1895/6: 62-65.)

——. Comments on grain schedule; res. of H. M. La Rue re. same, stmt. of Comr. Stanton in reference to grain rates, and opinion of Comr. Clark re. proposed reduction of grain rates and protest of Southern Pacific Co. (2 *same* 1895/6: 16-53.)

——. Southern Pacific Co. vs. r.r. comrs., seeking to annul order fixing rates as adopted and to restrain comn. from putting any order or schedule in force reducing grain or any rates then charged by said co. for transportation of freight within state. (2 *same* 1895/6: 53-56.)

1895-1898. Case of Southern Pacific Co. vs. bd. of r.r. comrs. in matter of rate reduction. (Rept. atty. gen. 1895/6 (pp. 11-13)—*same* 1897/8.)

1896. Decision of Judge McKenna in case of Southern Pacific Co. vs. r.r. comrs. (2 bienn. rept. r.r. comrs. 1895/6: 377-415.)

——. Oral argument of Atty. Gen. Fitzgerald in 9th circuit, U. S. Court, in behalf of defendants, Southern Pacific Co., complainant vs. bd. of r.r. comrs., Mch. 17. 336 pp.

Not seen; entry from Bowker.

——. Southern Pacific Co. complainant, vs. the bd. of r.r. comrs.; oral argument of Robert Y. Hayne, on behalf of defendants in 9th circuit, U. S. Court (no. 12,127). n. d. 696 pp.

Not seen; entry from Bowker.

1899. Complaint of Oakland Meat Co. vs. Southern Pacific Co. re. freight charges on cattle per car. (3 bienn. rept. r.r. comrs. 1899/00: 41-44.)

Southern Pacific Railroad Company

serial

1875/6-1895/6. Repts.

In Documents as follows:

1875/6 in rept. bd. of comrs. of transportation Dec. 1877 app. pp. 105-107.

1876/7 in rept. bd. of comrs. of transportation Dec. 1877 app. pp. 360-385.

1877 in Bienn. rept. comr. transportation 1877/8 app. pp. 151-166.

1878 in Bienn. rept. comr. transportation 1877/8 app. pp. 380-395.

1879 omitted.

1880	in	3	Ann.	rept.	r.r.	comrs. 1880/2 : 253-272.
1881	"	3	"	"	"	" 1880/2 : 432-447.
1882	"	5	"	"	"	" 1884 : 121-136.
1883	"	5	"	"	"	" 1884 : 281-296.
1884	"	7	"	"	"	" 1886 : 129-145.
1885	"	7	"	"	"	" 1886 : 309-322.
1886	"	8	"	"	"	" 1887 app. pp. 129-140.
1887	"	9	"	"	"	" 1888 : 206-217.

1888-1889 omitted.

1890	in	12	Ann.	rept.	r.r.	comrs. 1890/1 : 128-135.
1891	"	13	"	"	"	" 1891/2 : 199-206.
1892/3	"	1	Bienn.	"	"	" 1893/4 : 17-33.
1893/4	"	1	"	"	"	" 1893/4 : 223-231.
1895/6	"		"	"	"	" 1895/6 : 120-130.

RAILROADS: INDIVIDUAL—cont'd

Southern Pacific Railroad Company—cont'd

non-serial

1869. R.R. right of way established for Southern Pacific and Western Pacific R.R. Cos. (Rept. tide land comrs. 1868/9: 16-17.)

1870. Rept. [adverse in regard to Sta. Clara] of Sta. Clara delegation re. Sen. bill 555; act authorizing bd. of supervisors of cos. of San Mateo and Sta. Clara to donate certain r.r. stocks (Western Pacific R.R.) to the Southern Pacific R.R. Co. to aid in the construction of r.r. 2 ll. (App. to jols. 18 sess. v. 3 doc. [35].)

1877-1882. Stmt. giving freight via Central and Southern Pacific R.R. Aug., 1877, and Oct., 1882, showing rates per ton per mile at which it was hauled, and average rates per ton per mile by divisions. (3 A.R. r.r. comrs. 1882 foldg. table.)

——. See also above, Central Pacific; these dates.

1878-1879. Stmt. of Southern Pacific R.R.—northern division—list of reduced rates on freight issued betw. Jan. 1, 1878, and June 30, 1879. (Rept. transportation bd. 1877/8: 23-26.)

1880. Complaints agst. Southern Pacific R.R. Co. re. exorbitant passenger and freight charges and answers to complaints. (1 A.R. r.r. comrs. 1880: 19-35.)

1880-1882. See above, Central Pacific; these dates.

1887. Edward White, complainant, vs. The Southern Pacific R.R. Co. (northern div.) defendant. (8 A. R. r.r. comrs. 1887: 36-41.)

——. Stmt. giving earnings and expenses for yr.; Southern Pacific R.R. Co., northern div. (9 *same* 1888: 55.)

1888. Argument in matter of 10% reduction in freight rates to certain points on line of northern div. of Southern Pacific R.R. (9 *same* 1888: 55-60.)

1893-1896. Communications, complaints agst., and answers of Southern Pacific R.R. Co. (1 bienn. *same* 1893/4 (pp. 64-81)—2 *same* 1895/6.)

1900. Fresno rate case; complaint before bd. of r.r. comrs., John C. Moore vs. Southern Pacific R.R. Co. (3 *same* 1899/00: 49-59.)

Southern Pacific Branch Railway Company

serial

1886-1887. Repts.

In Documents as follows:

1886 in 8 Ann. rept. r.r. comrs. 1887 app. pp. 140-143.
1887 " 9 " " " " 1888: 217-222.

Stockton and Copperopolis Railroad Company

serial

1875/6-1887. Repts.

In Documents as follows:

1875/6 in rept. of bd. comrs. transportation Dec. 1877 app. pp. 108-109.
1876/7 in rept. of bd. comrs. transportation Dec. 1877 app. pp. 386-392.
1877 in Bienn. rept. comr. transportation 1877/8 app. pp. 167-173.
1878 in Bienn. rept. comr. transportation 1877/8 app. pp. 396-400.
1879 omitted.
1880 in 3 Ann. rept. r.r. comrs. 1880/2: 273-278.
1881 " 3 " " " " 1880/2: 447-452.
1882 " 5 " " " " 1884: 136-141.
1883 " 5 " " " " 1884: 296-300.
1884 " 7 " " " " 1886: 145-150.
1885 " 7 " " " " 1886: 330-335.
1886 " 8 " " " " 1887 app. pp. 161-166.
1887 " 9 " " " " 1888: 242-247.

Stockton and Ione Railroad Company

serial

1875/6. Rept.

In Documents as follows:

1875/6 in rept. bd. comrs. transportation Dec. 1877 app. pp. 110-111.

RAILROADS: INDIVIDUAL—cont'd

Stockton and Visalia Railroad Company

serial

1875/6-1876/7. Repts.

In Documents as follows:

1875/6 in rept. bd. comrs. transportation Dec. 1877 app. pp. 112-113.
1876/7 in rept. bd. comrs. transportation Dec. 1877 app. pp. 393-398.

On Nov. 17, 1877, co. was consolidated with Stockton and Copperopolis R.R. Co., and assumed name of latter. It has not now any separate corporate existence.

Terminal Railway Company

serial

1875/6-1884. Repts.

In Documents as follows:

1875/6 in rept. bd. comrs. transportation Dec. 1877 app. p. 114.
1877 in Bienn. rept. comr. transportation 1877/8 app. pp. 174-176.
1878 in Bienn. rept. comr. transportation 1877/8 app. pp. 401-402.
1879 omitted.
1880 in 3 Ann. rept. r.r. comrs. 1880/2: 278-279.
1881 " 3 " " " " 1880/2: 452-459.
1882 " 5 " " " " 1884: 141-142.
1883 omitted.
1884 in 7 Ann. rept. r.r. comrs. 1886: 150-151.

Vaca Valley Railroad Company

serial

1875/6. Rept.

In Documents as follows:

1875/6 in rept. bd. comrs. transportation Dec. 1877 app. pp. 115-124.

Vaca Valley and Clear Lake Railroad Company

serial

1876/7-1887. Repts.

In Documents as follows:

1876/7 in Rept. bd. comrs. transportation Dec. 1877 app. pp. 399-401.
1877 in Bienn. rept. comr. transportation 1877/8 app. pp. 177-180.
1878 in Bienn. rept. comr. transportation 1877/8 app. pp. 403-408.
1879 omitted.
1880 in 3 Ann. rept. r.r. comrs. 1880/2: 280-285.
1881 omitted.
1882 in 5 Ann. rept. r.r. comrs. 1884: 142-148.
1883 " 5 " " " " 1884: 300-305.
1884 " 7 " " " " 1886: 151-157.
1885 " 7 " " " " 1886: 335-340.
1886 " 8 " " " " 1887 app. pp. 166-171.
1887 " 9 " " " " 1888: 247-252.

non-serial

1883. See above, Northern Pacific; this date.

Visalia Railroad Company

serial

1875/6-1895/6. Repts.

In Documents as follows:

1875/6 in rept. bd. comrs. transportation Dec. 1877 app. pp. 125-137.
1877 in Bienn. rept. comr. transportation 1877/8 app. pp. 181-183.
1878 in Bienn. rept. comr. transportation 1877/8 app. pp. 409-411.
1879 omitted.
1880 in 3 Ann. rept. r.r. comrs. 1880/2: 286-288.
1881 " 3 " " " " 1880/2: 459-462.
1882 " 5 " " " " 1884: 148-151.
1883 " 5 " " " " 1884: 305-307.
1884 " 7 " " " " 1886: 157-159.
1885 " 7 " " " " 1886: 341-343.
1886 " 8 " " " " 1887 app. pp. 171-174.
1887 " 9 " " " " 1888: 252-254.
1888 " 10 " " " " 1889 app. pp. 122-127.
1889 omitted.
1890 in 12 Ann. rept. r.r. comrs. 1890/1: 245-249.
1891 " 13 " " " " 1891/2: 305-308.
1892/3 " 1 Bienn. " " " 1893/4: 197-202.
1893/4 " 1 " " " " 1893/4: 355-359.
1895/6 " 2 " " " " 1895/6: 284-288.

Visalia and Tulare Railroad Company

serial

1888-1895/6. Repts.

In Documents as follows:

1888 in 10 Ann. rept. r.r. comrs. 1889 app. pp. 213-215.
1889 omitted.

RAILROADS: INDIVIDUAL—cont'd

Visalia and Tulare Railroad Company—cont'd

serial—cont'd

1890 in 12 Ann. rept. r.r. comrs. 1890/1 : 250-253.
1891 " 13 " " " " 1891/2 : 309-312.
1892/3 " 1 Bienn. " " " 1893/4 : 189-196.
1893/4 " 1 " " " " 1893/4 : 350-355.
1895/6 " 2 " " " " 1895/6 : 273-277.

Western Pacific Railroad

1866. See above, Placerville and Sacramento Valley Railroad.

Yreka Railroad Company

serial

1891-1899/00. Repts.

In Documents as follows:

1891 in 13 Ann. rept. r.r. comrs. 1891/2 : 326-329.
1892/3 " 1 Bienn. " " " 1893/4 : 162-166.
1893/4 " 1 " " " " 1893/4 : 332-336.
1895/6 " 2 " " " " 1895/6 : 278-283.
1896/8 not printed.
1899/00 in Ann. rept. r.r. comrs. 1900 : 254-260.

non-serial

1891. Complaint of E. J. Emmons vs. Yreka Rwy. Co. Complaints of overcharges in fares on Yreka Branch R.R. (12 A.R. r.r. comrs. 1891: 48-50.)

RAINFALL; see CLIMATE

RAISINS

Crop; see Agriculture. Crops
Exports; see Commerce, etc.
Industry; see Industries, etc.

RAMIE

Crop; see Agriculture. Crops

REALTY; see LAND

RED BLUFF

Climate; see that title
Rainfall; see Climate
Temperature; see Climate

REDWOOD; see NATURAL RESOURCES. FORESTS

REFORMATORIES; see MAINTENANCE: STATE

REFUSE DISPOSAL

1896. Paper on subject of street cleaning and disposal of garbage; by H. S. Orme. (14 bienn. rept. bd. health 1894/6: 182-189.)
Operations in certain Cal. and other Amer. cities.
——. Same; separate. 6 pp.
Repr. Proc. 6 Ann. State Sanitary Convention.

REGISTRATION FUND; see FINANCE: STATE. FUNDS

RELIEF ASSOCIATIONS; see BENEFICIARY ORGANIZATIONS

REVOLVING JUTE FUND; see LABOR. CONVICT LABOR

RINDERPEST; see AGRICULTURE. LIVESTOCK

RHYOLITE; see NATURAL RESOURCES. MINERAL

RIOTS AND MOB VIOLENCE

1850. Stmt. of L. A. Besançon concerning insurrectionary movements in Tuolumne Co., May, 1850. (App. to Sen. jol. 2 sess. pp. 660-663 doc. M2.)
1856. Corresp. re. disturbances created in S. F. by mob of men calling themselves "Vigilance Committee." (Assem. jol. 8 sess. pp. 45-67; Sen. jol. pp. 47-68.)

RIOTS AND MOB VIOLENCE—cont'd

1856. Stmt. of accts. agst. state for expenses and services in soliciting aid of general govt. to suppress disturbances caused by "Vigilance Committee" in S. F. (Assem. jol. 8 sess. p. 314.)
1858. Rept. recommending passage of act to provide for payment of troops called out by gov. to quell insurrection of 1856. (*Same* 9 sess. pp. 460-461.)
——. Rept. on act to audit and allow claims of certain persons for services rendered and expenses incurred during insurrection in S. F. (Sen. jol. 9 sess. pp. 667-669.)
1861. Rept. with stmt. of amt. due troops called out by gov. to quell insurrection in 1856. (*Same* 12 sess. p. 684.)

RIPARIAN LANDS; see LAND

RIVER CONSERVANCY

serial

A

STATE COMMISSION

Under Act of March 24, 1893.
The duties of the débris comr. are defined in sec. 3 of above cited act. Upon the apptmt. of a bd. of engrs. by the U. S. govt. with power to adopt plans and specifications for construction of works for the impounding of mining débris, the state comr. was to consult and advise with such bd. and to examine and pass upon the merits of the works projected by the federal bd.
In view of this relation betw. the federal and state authorities the compiler has deemed it expedient to collate the federal repts. in connection with the state repts.

1893/4-1902/4. Bienn. rept. of the débris comr., 1-5.

In Collected docs. as follows:

1. 1893/4 in App. to jols. 31 sess. v. 6 unnum. doc.
2. 1895/6 " " " " 32 " v. 5 doc. [9].
3. 1896/8 " " " " 33 " v. 1 " [10].
4. 1898/00 omitted.
5. 1900/2 in App. to jols. 35 sess. v. 2 doc. [20].

B

FEDERAL COMMISSION

Under Act of Congress of March 1, 1893.
By this act the jurisdiction of the comn. extends to hydraulic mining in that portion of Cal. drained by the Sacramento and San Joaquin River systems. The duties of the comn., in general, are the prevention of such hydraulic mining as may be deemed injurious to the navigable waters within its jurisdiction and to mature plans for the improvement of rivers whose navigability has been injured by hydraulic mining.

1893-1904. Ann. rept. of the Cal. débris comn. for yr. endg. June 30.

In Documents as follows:

1. 1893 in Ann. rept. chief of engrs. U. S. A. 1894 : 3169-3177.
2-3. 1894-1895 in Ann. rept. chief of engrs. U. S. A. 1895 : 4049-4075.
4. 1896 in Ann. rept. chief of engrs. U. S. A. 1896 : 3861-3874.
5. 1897 in Ann. rept. chief of engrs. U. S. A. 1897 : 3961-3980.
unnum. 1898 in Ann. rept. chief of engrs. U. S. A. 1898 : 3549-3569.
" 1899 in Ann. rept. chief of engrs. U. S. A. 1899 : 3747-3768.
" 1900 in Ann. rept. chief of engrs. U. S. A. 1900 : 5007-5070.
" 1901 in Ann. rept. chief of engrs. U. S. A. 1901 : 3625-3633.
" 1902 in Ann. rept. chief of engrs. U. S. A. 1902 : 2443-2449.
" 1903 in Ann. rept. chief of engrs. U. S. A. 1903 : 2367-2370.
" 1904 in Ann. rept. chief of engrs. U. S. A. 1904 : 3693-3708.

Also in Federal docs. as follows:

1. 1893 in U. S. 53 Cong. 3 sess., House ex. docs. v. 10 : 3169-3177.
" 1893 in U. S. 53 Cong. 2 sess., House ex. docs. 16.
2-3. 1894-5 in U. S. 54 Cong. 1 sess., House ex. docs. v. 10 : 4049-4075.
" 1894-5 in U. S. 53 Cong. 3 sess., House ex. doc. 11.

RIVER CONSERVANCY—cont'd

serial—cont'd

B—cont'd

FEDERAL COMMISSION—cont'd

4. 1896 in U. S. 54 Cong. 2 sess., House ex. docs. v. 8 : 3861-3874.
5. 1897 in U. S. 55 Cong. 2 sess., House ex. docs. v. 8 : 3961-3980.
unnum. 1898 in U. S. 55 Cong. 3 sess., House ex. docs. v. 9 : 3549-3569.
" 1899 in U. S. 56 Cong. 1 sess., House ex. docs. v. 13 : 3747-3768.
" 1900 in U. S. 56 Cong. 2 sess., House docs. v. 22 : 5007-5070.
" 1901 in U. S. 57 Cong. 1 sess., House docs. v. 16 : 3625-3633.
" 1902 in U. S. 57 Cong. 2 sess., House docs. v. 7 : 2443-2449.
" 1903 in U. S. 58 Cong. 2 sess., House docs. v. 12 : 2367-2370.
" 1904 in U. S. 58 Cong. 3 sess., House docs. v. 9 : 3693-3708.

In view of the fact that the repts. of the state comr. have been analyzed for this index and that the contents of the repts. of the federal comn. have as important a value for the student of this subject, the compiler has ventured a synopsis of the contents of the federal repts.

1. 1893. Outline of methods of procedure upon organization; rules and instructions, June 8, 1893, issued by comn.; table of applications to mine by hydraulic process; judicial decisions, i. e., U. S. *vs.* North Bloomfield Gravel Mining Co. (U. S. Circuit Ct., 9th circuit, no. distr. Cal.) and U. S. *vs.* Chas. H. Lawrence et al (ib.); text of acts creating federal and state comns. resp.
2-3. 1894-1895. Comment re. prevention of illegal mining, applications and permits, improvement of rivers, retention of detritus in Yuba River; opinion of atty. gen. re. intent of law in reference to hydraulic mining carried on without permits from comn.; synopsis of applications for authority to mine; opinion of atty. gen. re. jurisdiction of comn. over North Bloomfield Gravel Mining Co.
4. 1896. Comment on prevention of illegal mining, applications and permits, improvement of rivers, synopsis of applications for authority to mine.
5. 1897. As above, and text of act of Cal. of Mch. 17, 1897, amending act of Mch. 24, 1893, creating state comn.
unnum. 1898. As above, minus the act.
" 1899. Same.
" 1900. Same, and rept. on protection of Sacramento and Feather rivers[1]; do. on project for impounding mining débris in the Yuba River, with view to improvement of navigation in Sacramento and Feather rivers; do. of H. Vischer, asst. engr., on storage of mining detritus in the Yuba River[2]; text of federal and state acts.
1901. Same, without special repts.
1902. Same.
1903. Same, without synopsis of applications.
1904. Same, acc. by photographs and plans showing barriers on Yuba River.

non-serial

1854. Improvement of Feather, Sacramento, and San Joaquin rivers urged. (Govs. ann. mess. 1854: 27-28.)
1874. Minority rept. of committee on commerce and navigation, on Sen. bill 313, to improve navigation of Sacramento and San Joaquin rivers. 7 pp. (App. to jols. 20 sess. v. 6 [doc. 15].)
1876. Repts. of jt. committee re. injury being done to lands and streams in state by deposit of detritus from gravel mines. 12 pp. (*Same* 21 sess. v. 5 unnum. doc.)
1877. Majority rept. of committee on mining débris. 6 pp. (*Same* 22 sess. v. 4 [doc. 5].)
Effect upon farming lands along Feather, Yuba, Bear, and Sacramento rivers of washings from contiguous mines.
1878. Table showing results of estimates of amts. of sand lodged in channels of Feather and Sacramento Rivers from Oroville to New York landings. (Rept. state engr. 1878/9 pt. 3: 11.)

[1] Transmittal only; rept. with maps printed in House doc. 431, 56 Cong., 1 sess.
[2] Earlier investigations upon same subject are to be found in House ex. doc. 69, 46 Cong., 2 sess.; do. 76, 46 Cong., 3 sess.; do. 98, 47 Cong., 1 sess. and do. 267, 51 Cong., 2 sess.

RIVER CONSERVANCY—cont'd

non-serial—cont'd

1878. Testimony taken by committee on mining débris as reported to Assem. 160 pp. (App. to jols. 22 sess. v. 4 [doc. 54].)
Re. washing in river channels (principally Bear, Sacramento, Feather, and American rivers) and filling in of San Francisco harbor.
——. Minority rept. of committee on mining débris. 5 pp. (*Same* 22 sess. v. 4 [doc. 20].)
Damage done by debris from hydraulic mines to farming lands, especially in Sacramento Valley.
1878-1879. Tabular stmt. of results of gauging work of state engr. dept. on Sacramento, Feather, and San Joaquin rivers. (Rept. comr. public works 1893/4: 135.)
1878-1884. Table giving average mo. discharges, average for periods of 3 mos. and yrly means, cubic feet per second, also average drainage basin, square miles, of streams in Cal. and Nev. for 6 yrs. (Trans. state agric. socy. 1891: 297-298.)
1878-1887. Gauging of Cal. rivers, with maps; by C. E. Grunsky, asst. in state engr's. dept. (Rept. comr. public works 1893/4: 77-138.)
1878/9. Tables showing volumes and weights of sediments in waters of various rivers of state and other countries; also heaviest amt. of suspended material found in same. (Rept. state engr. 1878/9 pt. 3: 26-27.)
1880. Specifications for river works during season. (Rept. state engr. to legisl. 1881 pts. 2 and 3:31-65.)
——. Rept. of promotion of drainage, including river improvements and storage of mining detritus. 95 pp. (*Same* 1881 pts. 2 and 3.)
——. Petition re. removal of obstructions in Pit and Fall Rivers. 4 pp. (App. to jols. 23 sess. v. 5 unnum. doc.)
1882. Treatment of its main streams for purposes of arterial drainage in each natural drainage distr., development and conservation of waters of its streams for purposes of irrigation, and regulation of their diversion for purposes of irrigation, are duties which state should no longer neglect. (Rept. state engr. 1881/2: 9-10.)
1887. Rept. on act to provide for impounding of mining débris. (Assem. jol. 27 sess. pp. 400-401.)
——. Minority rept. on act to prevent injuries to navigable streams. (Sen. jol. 27 sess. pp. 155-156.)
1890. Recommendation for apprn. for expenses of examining comn. on rivers and harbors. (A.R. bd. examiners dated 1891: 29.)
——. Rept. of rivers and harbors examining comn. consisting of topographical data concerning Sacramento and San Joaquin rivers, their valleys and deltas, etc., and notes on various navigable waters of Cal. 148 pp., 5 diagrams. (App. to jols. 29 sess. v. 1 doc. [14].)
——. On necessity of immediate legislative action to preserve waterways of state. (Trans. state agric. socy. 1890: 19-20.)
1894. General description of field of operation—Sacramento and San Joaquin River deltas; Sacramento River and valley; Feather River; Yuba and Bear rivers; American River; Sacramento, Butte, Sutter, Colusa, American, and Yolo basins; San Joaquin River and valley. (Rept. comr. public works 1893/4: 25-47.)
1895. Gauging of Cal. rivers; by C. E. Grunsky. (*Same* 1893/4: 75-138; 30 pls.)
1896. Rept. of consulting engrs.; gauging and measuring flood-flow of Sacramento and San Joaquin rivers, survey for drainage of flood-waters of Petaluma Creek, rept. upon improvement of drainage capacity of Sacramento River, investigation of San Joaquin River; map. (*Same* 1895/6: 3-44.)

RIVER CONSERVANCY—cont'd

non-serial—cont'd

1896. Rept. to Anti-Débris Assn. on effect of restraining dams. 7 pp. (Comr. of public works.)

——. Dawn of new era in river improvement through invention of dredging machine by Mr. L. W. Bates of Chicago; advisability of constructing one or more of these machines by state and of making apprn. for same commended to consideration of legisl. (Rept. comr. public works 1895/6: 35-44.)

1900. Rept. of consulting engrs., directed to prepare plans for river improvement recommended in rept. of 1896; San Joaquin, Sacramento, and Bear rivers, Newtown Shoals; maps. (*Same* 1899/00: 9-18.)

1900-1902. Govt's. jurisdiction in river improvements in state. (*Same* 1899/00 (pp. 9-10)—*same* 1901/2.)

Bear River

See above, general group.

Drainage

1878/9. Drainage of valleys and improvements of navigation of rivers—inundations in Cal.; Sacramento Valley drainage—present conditions, possibilities, and problems; San Joaquin Valley drainage—floods, channel improvement, etc. 92 pp. (Rept. state engr. 1878/9 pt. 2.)

1881. Govs. special mess. on subject of drainage. 14 pp. (App. to jols. 24 sess. v. 1 unnum. doc.)

——. Rept. on act to repeal act to promote drainage. (Assem. jol. 24 sess. pp. 242-244.)

——. Rept. on drainage. (Sen. jol. 24 sess. pp. 163-164.)

——. Comment on contest betw. farmers and hydraulic miners. (Trans. state agric. socy. 1881: 12-13.)

1882. The question of remunerating those who acted in good faith, and expended time and money in work begun under act to promote drainage, which was afterward declared unconstitutional. (Rept. atty. gen. 1881/2: 13-14.)

1885. Rept. [favorable] of Assem. claims committee on Assem. bill 207, "act to ascertain sum due on all claims for work done and material furnished under provisions of act to promote drainage," etc., Feb. 12, 1883. 17 pp. (App. to jols. 26 sess. v. 6 doc. [12].)

1887/8. Comments on drainage claims, and list of claims incurred under "act to promote drainage" properly itemized and verified as required by "act to pay indebtedness incurred under act entitled an act to promote drainage." (A.R. bd. examiners dated 1889: 31-34.)

Drainage Construction Fund; see below, Expenditures

Sacramento Valley

serial

1 series

Under Act of April 1, 1878.
"Act creating the Sacramento River Drainage District, to inquire into practicability of and cost of constructing certain works described therein, for the purpose of draining the surplus waters of the Sacramento River, and the waters flowing from the Coast Range of Mountains on the west, into the tule basin to the west of Sacramento River, and south of Knight's Landing into Suisun Bay."

1879. Rept. of bd. of comrs. of Sacramento River Drainage Distr. Sacramento, 1879. 30 pp., 1 map, 1 foldg. diagr.
No more issued. Not in Collected docs.

2 series

Under Act of April 23, 1880.
"Act to promote drainage" known as "Débris Bill," contemplated construction of works to improve the water-carrying capacity and navigable qualities of the main and tributary streams, made necessary by the results of the operations of hydraulic mining.
Under the act a state bd. of drainage comrs. with the gov. as president was organized. The surveyor-general and the state engr. were members of the bd. Under the act of Apr. 23, 1880, it became the duty of the state engr. to form drainage districts. The first drainage district formed under the act comprised the territory drained by the Sacramento River and its tributaries. The supervision of the district was confided to a bd. of directors.

1880. Rept. of bd. of directors of drainage distr. no. 1, showing progress of work to Jan. 1, 1881. Sacramento, 1881. 26 pp.
In Collected docs. as follows:
1880 in App. to jols. 24 sess. v. 3 unnum. doc.
No more issued. The Act of April 23, 1880, was declared unconstitutional as violating sec. 32, art. 4 of the state constitution.

non-serial

1862. Remarks on drainage of valley of the Sacramento. (A.R. surveyor gen. 1862: 25-30.)

1868. Rept. of A. Mathew to surveyor gen. re. additional outlet for flood-waters of Sacramento Valley. 4 pp. (App. to jols. 17 sess. v. 3 [doc. 20].)

1870. Rept. of comrs. apptd. to examine into practicability of making new outlet for flood-waters of Sacramento Valley requesting apprn. for continuance of surveys, etc. 2 ll. (*Same* 18 sess. v. 3 doc. [51].)

1879. Rept. [adverse] of bd. of Sacramento River drainage distr. comrs. to gov., stating that according to enclosed engrs'. repts., impracticable to construct any works for draining surplus waters of Sacramento River, and waters flowing from Coast range on west, into tule basin to west of the Sacramento, and south of Knight's Landing, into Suisun Bay. 30 pp. (*Same* 23 sess. v. 1 doc. [16].)

1880. Rept. of state engr. on formation of drainage distrs., made to gov. as pres. of state bd. of drainage comrs.; record of proceedings of said comn. in matter of organizing drainage distr. no. 1. (Rept. state engr. to legisl. 1881 pts. 2 and 3: 3-14.)

——. Rept. of work under drainage act of 1880 providing for construction of works to improve water capacity and navigable qualities of main and tributary streams. (*Same* 1881 pt. 1: 19-25.)

——. Rept. of James B. Eads, consulting engr., re. proposed improvement to promote rapid drainage, and to improve navigation of Sacramento River. 16 pp.
Not seen; entry from Bowker.

——. Proceedings of state bd. of drainage comrs. at a meeting held May 28; formation of drainage distr. no. 1; rept. of state engr. in matter of drainage distr. for Sacramento Valley. 24 pp.
Not seen; entry from Bowker.

——. Repts. of state engr. to bd. of directors of drainage district no. 1. 1, Drainage works for the distr. 2, Dams for impounding mining detritus. 29 pp.
Not seen; entry from Bowker.

1893/4. Rept. of consulting engrs. directed to propose a system of drainage and protection works for the Sacramento Valley; maps, diagrs. (Rept. comr. public works 1893/4: 23-73.)

1894. Fundamental elements of drainage problem; state aid necessary; outfall of flood-waters into Suisun Bay; flood flow of Sacramento River. (*Same* 1893/4: 48-58.)

Eel River

1903/4. Eel River survey. (Bienn. rept. dept. of highways 1902/4: 20-24.)

RIVER CONSERVANCY—cont'd

Expenditures

See also Public Works: Expenditures.

1896-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for débris comrs. (Bienn. rept. controller 1894/6 (p. 65)—*same* 1902/4.)

Drainage

1879/80. Receipts and payments on state drainage construction fund. (A.R. state treasurer 1879/80: 11.)

1880-1894. Stmt. of condition of state drainage construction fund. (Bienn. rept. state controller 1879/80 (p. 46)—*same* 1892/4.)

1880/2-1884. Receipts and payments on state drainage construction fund. (A.R. state treasurer 1880/2 (p. 12)—bienn. rept. *same* 1882/4.)

——. Construction fund of drainage distr. no. 1; receipts and payments. (*Same* 1880/2 (p. 12)—bienn. rept. *same* 1882/4.)

1882. Stmt. showing amt. of expenditures, amt. of apprn. made by law, amt. expended under each, and balance unexpended for drainage. (Bienn. rept. state controller 1880/2: 68.)

1882-1892. Stmt. of condition of construction fund of drainage distr. no. 1. (*Same* 1880/2 (p. 93)—*same* 1890/2.)

1888. Comments on state drainage construction fund and construction fund of drainage distr. no. 1; also recommendation that apprn. be made by legisl. for payments of all unpaid claims. (*Same* 1886/8: 20-21.)

1894. Drainage project for Sacramento Valley; system of treatment; required works; estimated cost. (Rept. comr. public works 1893/4: 58-73.)

——. Fundamental elements of drainage problem; state aid necessary; outfall of flood-waters into Suisun Bay; flood flow of Sacramento River. (*Same* 1893/4: 48-58.)

Levee District

1877-1894. Stmt. of condition of interest and sinking fund; levee distr. no. 5. (Bienn. rept. state controller 1875/7 (p. 85)—*same* 1892/4.)

Feather River

See also above, general group.

1848. Feather River before era of mining; change in character and present condition. (Rept. state engr. 1878/9 pt. 2: 27-31.)

1878/9. Tabular river observations of Feather River, from mouth to Oroville, low water and flood stages—summary of rod records and high and low water profiles. (*Same* to legisl. 1881 pts. 2 and 3: 78-81.)

1892. Topographical and construction map of Golden Feather Channel—dam site, canal and wall locations, and river mining claim—Feather River. (11 rept. state mineralogist 1890/2.)

Klamath River

1891. Preliminary examinations of Klamath River entrance and inside bars, to head of navigation. (Sen. jol. 29 sess. pp. 291-293.)

——. Petition remonstrating agst. passage of act repealing act to declare Klamath River navigable. (*Same* 29 sess. p. 223.)

——. Petition of citizens of Trinity Co. re. navigation of Klamath River. (*Same* 29 sess. p. 181.)

Levee Districts

1872. Rept. of Sen. judiciary committee agst. Sen. bill 305 to provide for funding indebtedness of reclamation and levee distrs. of state; objection that way would be opened to land monopolists, and bill would prevent division of lands into small farms, etc. 4 pp. (App. to jols. 19 sess. v. 3 doc. [12].)

Expenditures for; see above, that title

RIVER CONSERVANCY—cont'd

Merced River

1894. Recommendation for apprn. sufficient to enable process of restraining Merced River. (Bienn. rept. Yosemite Valley and Big Tree Grove comrs. 1893/4: 5-6.)

Mokelumne River

1859. Rept. on act to define head of navigation on Mokelumne River. (Assem. jol. 10 sess. pp. 487-488.)

Petaluma Creek

1858. Veto of act to improve navigation of Petaluma Creek. (Sen. jol. 9 sess. pp. 542-543.)

1895. Two plans for protecting city of Petaluma from overflow water and for improving navigation of Petaluma Creek by chief and asst. engrs. of dept. of public works [being survey carried on under authority of comr. of public works]. 20 pp. (App. to jols. 32 sess. v. 7 doc. [6].)

1896. See above, general group; this date.

Pollution of Rivers; see Water Supply

Sacramento River

See also above, general group.

1849-1894. Graphic plates showing mo. rod record of the Sacramento at Sacramento City from 1849-1862 and 1874-1894. (Rept. comr. public works 1893/4 plates 7-9.)

1849/50-1887/8. Comparative table showing highest, lowest, and range of water in Sacramento River for each season from 1849/50 to 1861/2, and from 1873/4 to 1886/7. (Trans. state agric. socy. 1886 (p. 285)—*same* 1888.)

1856. See Land. Riparian; this date.

——. Improvement, contemplating protection agst. overflow of lands on eastern bank of Sacramento River, now under way, and to be completed at private expense. (Govs. ann. mess. 1856: 23.)

1857. Veto of act to grant H. M. Stone right of way across Sacramento River. (Sen. jol. 8 sess. pp. 575-577.)

1878/9. Tabular data of surveys of Sacramento River—relative elevation of low water; flood, natural bank and levee planes—levee, bank, and flood elevations—cross sectional dimensions; widths, depths, and areas at high and low water. (Rept. state engr. to legisl. 1881 pts. 2 and 3: 90-95.)

——. Tabular river observations of the Sacramento from Suisun to Sacramento City, low water stage—summarized tidal record and low water profiles, flood stage—summarized tidal and rod records and high water profiles; also from Sacramento City to Colby's Ferry, low water and flood stage—summary of rod records and high and low water profiles. (*Same* 1881 pts. 2 and 3: 68-77.)

1878-1894. Graphic plates showing mo. rod record of the Sacramento at Red Bluff. (Rept. comr. public works 1893/4 plates 5 and 6.)

1879. Table of channel dimensions and grades of Sacramento and Feather Rivers. (*Same* 1878/9 pt. 2: 32-35.)

1880. Memorandum re. improvement of Sacramento River, submitted to Messrs. J. B. Eads and G. H. Mendell, consulting engrs., in Aug. and approved by them. (*Same* 1881 pts. 2 and 3: 15-23.)

——. Same; separate. 11 pp.

1894. Table of distances and low water grades at 7 stations on Sacramento River. (Rept. comr. public works 1893/4: 32.)

1896. Discussion of best plan of relief for Sacramento River; question of improving lower Sacramento, with view of making it main escape way; examination of profile; effect of river silting in said river and in other rivers, with examples of successful river improvement in U. S. and other coun-

RIVER CONSERVANCY—cont'd

Sacramento River—cont'd
tries and applications to the Sacramento; Yolo basin crevasses; the remedy; levy system to be inaugurated; summary of work completed and cost; consideration of cut through Montezuma Hills—cost too great and relief would not be permanent. (*Same* 1895/6: 9-35.)
1896. Rept. on condition of Sacramento River during high water of Jan., 1896. 14 pp. (App. to jols. 32 sess. v. 7 doc. [5].)
——. Same. 25 pp. (Comr. public works.)
1901/2. Repts. of improvements already made on Sacramento and Bear rivers and results, with maps. (Rept. comr. public works 1901/2: 14-17.)
1902. Diversion from Sacramento River channel below Colusa must be restricted; recommendations for Sacramento, San Joaquin, and Mokelumne rivers, with apprns. and maps of proposed work; conditions for economic operation of hydraulic dredger. (*Same* 1901/2: 5-14.)
——. Rept. of Committee of Twenty-four of River Improvement and Drainage Assn. of Cal. to examine into conditions of navigability and drainage of channels of Sacramento River and tributaries. (*Same* 1901/2: 20-35.)
1904. Tabular stmt. of slopes and elevations of high-water plane of Sacramento from Collinsville to Stony Creek. (*Same* 1903/4: 34.)
——. Rept. of comn. of engrs. upon rectification of Sacramento and San Joaquin rivers and their principal tributaries, and reclamation of overflowed lands adjacent thereto, with map. (*Same* 1903/4: 11-77.)

San Antonio Creek
1864. Veto of act to authorize Oakland and San Antonio Steam Navigation Co. to improve navigation of San Antonio Creek in Alameda Co. (Sen. jol. 15 sess. pp. 690-691.)

San Joaquin River
See also above, general group.
1870. Petition of citizens of San Joaquin Co. re. navigation of San Joaquin River. 4 pp. (App. to jols. 18 sess. v. 3 unnum. doc.)
1878. Tables of channel dimensions and grades in the several divisions of San Joaquin River. (Rept. state engr. 1878/9 pt. 2: 80-83.)
1878/9. Tables showing quarterly discharge of rivers of San Joaquin Valley—mean and extreme rates, no. of days of flood, total discharge, etc.; mean discharge, and amt. of land they are capable of irrigating in 3-month periods; probable quantity of water required from said rivers for irrigation of San Joaquin and its principle tributaries; possible effect of prospective irrigation upon waters of San Joaquin above and below each tributary. (*Same* 1878/9 pt. 4: 81-91.)
——. Tabular river observations. San Joaquin from New York landing to Stanislaus River, low water and flood stage—summary of rod records and high and low water profiles. (*Same* to legisl. 1881 pts. 2 and 3: 88-89.)
1879-1895. Historical tables showing extreme flood and low water periods of San Joaquin Valley. (Rept. comr. of public works 1895/6: 37-38.)
1896. Discussion of problems to be confronted in improvement of San Joaquin River; thorough survey necessary before question can be intelligently considered. (*Same* 1895/6: 35-41.)
1904. Rept. of comn. of engrs. to comr. of public works upon rectification of Sacramento and San Joaquin Rivers and their principal tributaries and the reclamation of overflowed lands adjacent thereto. (*Same* 1902/4: 11-77.)

RIVER CONSERVANCY—cont'd

Santa Maria River
1890. Sta. Maria River; map and cross-sections at Fugler's Pt., showing sink of Sta. Maria and drain tunnel for development of irrigation; Pt. Sal gypsum mines cross-section; by J. B. Hobson. (10 A. R. state mineralogist 1889/90: 600-601.)

Stanislaus River
1855. Veto of act authorizing use of waters of Stanislaus River for mnfg. purposes, as special legislation affecting riparian rights and encouraging monopolistic tendencies. (Sen. jol. 1855: 543-544.)

Truckee River; see Water Supply. Pollution

Yuba River
1878/9. Tabular river observations—Yuba River, from mouth to Smartsville Dumps, low water and flood stages—summary of rod records and high and low water profiles; same for main Yuba, from Smartsville Dumps up to South Yuba, and up South Yuba to Omega mine; same for Upper Yuba from junction of main Yuba and South Yuba up to Middle Yuba, thence to bridge betw. Moore's Flat and Alleghany City. (Rept. state engr. to legisl. 1881 pts. 2 and 3: 82-87.)
——. Rept. on survey of Yuba River and its forks; tables showing results of estimates of quantity of mining detritus lodged in same; also river observations for season. (*Same* 1878/9 pt. 3: 47-63.)
1879. Table showing proposed dimensions and probable costs of dams for retention of sands, and volume of material which will be stored thereby in cañons of Yuba River. (*Same* 1878/9 pt. 3: 33.)

RIVERSIDE

Climate; see that title
Orange Exports; see Commerce. Exports
Rainfall; see Climate
Temperature; see Climate

RIVERSIDE COUNTY (1893)

Antimony
1892/4-1894/6. See Natural Resources. Mineral. Antimony; these dates.

Asbestos in; see Natural Resources. Mineral
Cement in; see Natural Resources. Mineral
Clay in; see Natural Resources. Mineral

Coal
1892/4-1894/6. See Natural Resources. Mineral. Coal; these dates.

Copper
1892/4-1894/6. See Natural Resources. Mineral. Copper; these dates.

Gold
1892-1895. See Natural Resources. Mineral. Gold; these dates.
1892/4-1894/6. See same; these dates.

Gypsum
1892/4-1894/6. See Natural Resources. Mineral. Gypsum; these dates.

Horticultural Board; see Agriculture. Horticultural Commissions
Lime in; see Natural Resources. Mineral
Limestone in; see Natural Resources. Mineral
Marble in; see Natural Resources. Mineral
Salt in; see Natural Resources. Mineral

Silver
1892-1895. See Natural Resources. Mineral. Silver; these dates.

Steatite and Serpentine in; see Natural Resources. Mineral

ROAD TAX; see TAXATION: STATE

ROADS

1711-1900. Brief history of road-bldg. in U. S.; present highway legislation in other states; road administration in foreign countries. (Bienn. rept. dept. of highways 1899/00: 7-37.)

1802-1896. Decadence of road construction in U. S. since invention of locomotive and consequent development of r.r. bldg.; early Congressional legislation; national turnpikes. (*Same* 1895/6: 8-9.)

1892. Memorials to Congress favoring establishment of a division of roads in Dept. of Agric.; etc. (4 bienn. rept. bd. hortic. 1893/4: 214.)

1897. Rept. of Comr. Mason on foreign roads. (Bienn. rept. dept. of highways 1897/8: 33-41.)

serial

Under Act of March 27, 1895.

REPORTS

1 series

1895/6. Bienn. rept. of bureau of highways.

In Collected docs. as follows:
1895/6 in App. to jols. 32 sess. v. 6 doc. [17].

2 series

1897/8-1902/4. Bienn. rept. dept. of highways.

In Collected docs. as follows:
1897/8 in App. to jols. 33 sess. v. 1 doc. [13].
1899/00 " " " " 34 " v. 3 " [3].
1900/2 " " " " 35 " v. 2 " [23].

BULLETINS

1 series

1895-1896. Bulls. of the bureau of highways, nos. 1-5.

Checklist

1. Act to create bureau of highways. 1895. 4 pp.
2. Act providing for erection and operation of rock-crushing plants at state prisons, for preparation of highway material. 1895. 8 pp.
3. Physical features of the state; by M. Manson. n. d. 7 pp., maps.
4. Effect of roads upon industrial development by R. C. Irvine. n. d. 8 pp., ill.
5. Proposed highway legislation, with comments and resolutions thereon. n. d. 37 pp., map.

2 series

1897-1904. Bulls. of the dept. of highways, nos. 1-2.

Checklist

1. Act creating dept. of highways. 1897. 7 pp.
2. Oiled roads of Cal. 1904. 41 pp., illus.

non-serial

1852. Rept. reviewing benefits of proposed road from Sacramento River to Ore. line. (Assem. jol. 1852: 528-529.)

1854. Comments on Cal. and Mo. mail stage road, and Atlantic and Pacific R.R.; also recommendation for apprn. for locating and constructing portion of proposed Cal. and Mo. stage road lying betw. some point in great central valley of state, and its eastern boundary. (A.R. rept. surveyor gen. 1854: 6-7.)

——. Letters from G. H. Goddard, on map, Carson Valley, stage and r.r., etc. (*Same* 1854: 89-90.)

——. Road act approved Apr. 11, 1850, in need of revision in view of changes in condition of country. (Govs. ann. mess. 1854: 24-25.)

1855. Apprn. of $150,000 recommended to defray expenses of constructing roads upon such routes as may be selected by bd. (A.R. surveyor gen. 1855: 26.)

——. Recommendation for apprn. to defray expenses of explorations and surveys of routes for wagon roads over the Sierra Nevada. (*Same* 1855: 24.)

——. Comments on immigrant wagon road; the explorations, and eastern boundary survey. (*Same* 1855: 6-26.)

——. Repts. on immigrant wagon road exploration and wagon road survey; by S. Day (*Same* 1855: 77-87.)

ROADS—cont'd

non-serial—cont'd

1855. Rept. of survey of portion of the eastern boundary of Cal. and of a reconnoissance of the old Carson and Johnson immigrant roads over the Sierra Nevada. (*Same* 1855: 91-332.)

——. Rept. re. comparative advantages of various routes proposed for wagon road from Sacramento Valley to eastern border of state. (Assem. jol. 1855: 426-430.)

——. Communication re. failure to act upon provisions of law of Apr. 28, 1855, for construction of wagon road in state (across Sierras?). (Sen. jol. 1856: 159.)

——. Veto of act to authorize construction of wagon road from Eureka to Truckee meadows, as special legislation for formation of corporation. (Assem. jol. 1855: 598-599.)

——. Govs. mess. approving act to provide for survey and construction of wagon road over Sierra Nevada mts. (*Same* 1855: 799-800.)

——. Construction of wagon road across Sierra Nevadas and establishment of military posts by general govt. along route of overland travel, urged as of vital importance to overland immigration. (Govs. ann. mess. 1856: 28-29.)

——. Rept. of committee on internal improvements with reference to a road across the Sierra Nevada. 13 pp. (App. to Sen. jol. 6 sess. doc. 22.)

——. Rept. of internal improvements committee on "act to construct wagon road from Sacramento Valley to eastern boundary of state"; several routes are described and that from Sacramento to Carson Valley recommended, as being shortest and most easily continued to Great Salt Lake. 20 pp. (App. to Assem. jol. 6 sess. doc. 27(?).)

Doc. is unnumbered, but is probably 27.

——. Same; with reference to road across Sierra Nevada, urging its construction, and slightly describing various routes. 13 pp. (App. to Sen. jol. 6 sess. doc. 22.)

1856. Immigrant wagon road, and notes of a reconnoissance of the Downieville route over the Sierra Nevada, made in Aug., 1856, by J. A. Brewster, surveyor gen. of state. (A.R. surveyor gen. 1856: 14-21.)

——. Petition praying for construction of road from Big Tree in Calaveras Co. to Carson Valley, with estimated cost of same. (Sen. jol. 7 sess. pp. 441-442.)

——. Petition of citizens of Siskiyou Co. for road connecting with Sacramento and S. F., with suggestions for bldg. same. (*Same* 1856: 254-255.)

1858. Veto of act re. apprn. of moneys for construction of wagon road in El Dorado and Sacramento cos. (*Same* 9 sess. pp. 257-258.)

1861. Veto of act to provide for construction of a macadamized road within limits of city and co. of S. F. (*Same* 12 sess. p. 603.)

1892. Good roads; comment on new road law of state, providing for distr. supervisors; movement on foot to organize national league for promoting good roads commended. (Trans. state agric. socy. 1892: 23-24.)

1892/4-1894/6. Macadam in Alameda, Los Angeles, Marin, S. F., Solano, and Sonoma cos. (12 rept. state mineralogist 1892/4 (pp. 388-390)—13 *same* 1894/6.)

Sacramento, Sta. Clara, and Shasta added in 1894/6.

1893-1894. Good roads; recommendation that next legisl. provide by law for a general system of permanent road bldg. (Trans. state agric. socy. 1893 (pp. 20-22)—*same* 1894.)

1895/6. Rept. on trips of inspector and visits to cos. (Bienn. rept. bureau of highways 1895/6: 11-13.)

ROADS—cont'd

non-serial—cont'd

——. Effect of roads upon industrial improvement; by R. C. Irvine. 8 pp., illus. (Bureau of highways bull. 4 [1895/6].)

1896. Proposed amdmts. to existing highway laws. (Bienn. rept. bureau of highways 1895/6: 116-125.)

——. Tree-planting along roads to be aided and encouraged by local authorities. (*Same* 1895/6: 34.)

——. Faulty location of roads. (*Same* 1895/6: 33-34.)

——. Road sprinkling. Paper read before state convention of co. supervisors at San José, May; by M. Manson. 2 ll.

——. Proposed highway legislation, with comments and res. thereon. 37 pp., map. (Bureau of highways bull. 5.)

——. On economy of permanent road structures. (Bienn. rept. bureau of highways 1895/6: 32-33.)

——. Need of regulations as to width of tires. (*Same* 1895/6: 31-32.)

——. Proposed system of state highways; principles of state highway location; commercial necessity of same; they should traverse the four great belts of wealth; highways mapped out; construction and maintenance of same. (*Same* 1895/6: 23-30.)

——. Politics in road-bldg. (*Same* 1895/6: 20-21.)

——. Inquiry into road laws of other states for purpose of making abstr. of those best adapted to Cal. (*Same* 1895/6: 17-20.)

——. Difficulty in securing accurate data. (*Same* 1895/6: 13-15.)

——. Utility and demand for good roads in Cal. (*Same* 1895/6: 10-11.)

——. Natural conditions of Cal. favorable to road construction; lack of system in location and construction of bad roads; classification of roads suggested. (*Same* 1895/6: 5-7.)

1896-1897. Proposed highway legislation, with comments and res. thereon. 37 pp. (Bureau of highways bull. 5 [1895/7].)

1897/8. Important links in system of state highways: (1) road connecting easterly end of Tioga road with Mono Co. roads, and (2) road around Rubicon Pt. and head of Emerald Bay; examinations as to best routes; apprns. for constructing recommended. (Bienn. rept. dept. of highways 1897/8: 30-32.)

——. Rept. of Folsom highway comrs. under act to provide for construction of state highway or wagon road from Sacramento City to Folsom, Sacramento Co. and appropriating crushed rock and granite or stone blocks for drains and culverts for same approved Mch. 29, 1897. 4 pp. (App. to jols. 33 sess. v. 1 doc. [18].)

1898. Laws and amdmts. recommended; acts to classify roads of state, to provide for acceptance of highways of first class by state and for maintenance of same, to provide for location, construction, and maintenance of highways by levy of tax and creation of fund therefor; to amend art. 111, sec. 2643, par. 7, P. C. to set apart 50% of levy therein made for permanent road work on such highways as co. authorities deem best; to amend sec. 2651 to correspond with 2643 as amended; to amend wide-tire law, and law creating dept. of highways. (Bienn. rept. dept. of highways 1897/8: 5-12.)

——. Economic road bldg.; table showing cost of principle bridges in various cos. (*Same* 1897/8: 23-27.)

——. Recommended legislation providing for capitalization of portion of road funds, by cos. (*Same* 1897/8: 21-22.)

——. Connecting coast road betw. Sta. Cruz and San Mateo cos. constructed; proposed road from Newman, in Stanislaus Co. to San José. (*Same* 1897/8: 18-19.)

ROADS—cont'd

non-serial—cont'd

1898. Effect of state examination of road affairs. (*Same* 1897/8: 15.)

——. Brief history of first extended official attempt to institute system of economy into road work in state; radical modification by last legisl. of laws recommended by former bureau of highways resulted in delay only; principles which should govern highway expenditures. (*Same* 1897/8: 12-15.)

1899. Rept. on dept. of highways. (Rept. of committee to make examination of state institutions 1899: 168.)

——. Same; in App. to jols. 33 sess. v. 2.

1900. Suggestion for creation of state road map fund. (Bienn. rept. dept. of highways 1899/00: 76.)

——. Recommended that bonding laws be so amended as to enable incorporated cities to co-operate with the country in issuance of bonds for road construction. (*Same* 1899/00: 75-76.)

——. Recommended that authority be vested in highway comn. to prosecute actions for condemnation of property for state roads, to regulate traffic, to prosecute and offer reward for conviction of parties defacing or destroying state road property. (*Same* 1899/00: 74-75.)

——. Legislation needed to enlarge scope of dept's. work in aiding cos. desiring tests of materials, bridge plans, etc. (*Same* 1899/00: 73-74.)

——. Advantages of good roads; extracts from corresp. with many r.r. officials of U. S. (*Same* 1899/00: 37-43.)

——. Data re. traffic on country roads in this country and abroad. (*Same* 1899/00: 67-68.)

——. Comment on traction, wide-tire, and narrow-tire tests, made at International Exposition in Atlanta, Ga., in 1895; tables showing relation betw. load, grade, and surface, also betw. length of haul and grade. (*Same* 1899/00: 64-67.)

——. On necessity of each co. having road records and maps. (*Same* 1899/00: 60.)

——. Road machinery; graders, rollers, rock-crushers; recommended that improved road machinery be purchased by state to be loaned to cos. (*Same* 1899/00: 59-60.)

——. Milestones and sign-boards. (*Same* 1899/00: 58-59.)

——. Best material to be used in road structures. (*Same* 1899/00: 57-58.)

——. Width of tires; brief summary of laws governing same in various states and foreign countries. (*Same* 1899/00: 54-57.)

——. Road sprinkling; use of oil on roads. (*Same* 1899/00: 53-54.)

——. Construction and maintenance of roads: location; grades; drainage; crown of roadbed; width of roads; dirt, stone, and gravel roads; thickness of layers of surfacing material. (*Same* 1899/00: 43-53.)

——. Conditions in Cal. (*Same* 1899/00: 6-7.)

1902. Specifications for construction of portion of state highway in Leevining Creek Cañon, Mono Co. (*Same* 1901/2: 24-30.)

——. Cal. should follow example successfully adopted by some eastern states and place main highways under direct mngmt. of state; recommended measures to assist in putting road subject on economical and systematic basis. (*Same* 1901/2: 5-13.)

1902/4. Misc. work of dept. (*Same* 1902/4: 29-30.)

1904. Oiled roads of Cal. 41 pp., illus. (Dept. of highway bull. 2, 1904.)

——. Deficiency contingent apprn. asked for and increase of ann. traveling and contingent apprn. (Bienn. rept. dept. of highways 1902/4: 29.)

ROADS—cont'd

non-serial—cont'd

1904. Suggestion re. oiled roads. (*Same* 1902/4: 10-12.)

——. Law, resembling N. Y. state aid law, recommended for enactment. (*Same* 1902/4: 6-9.)

——. Mountain roads of state. (*Same* 1902/4: 9.)

Bicycle Paths, etc.

1897. Veto of act re. granting by municipalities of franchises for construction of paths and roads for use of bicycles and other horseless vehicles. (Assem. jol. 32 sess. p. 1205.)

Conventions

1900. Road convention met at Los Angeles in Oct.; Southern Cal. Good Roads Assn. organized. (Bienn. rept. dept. of highways 1899/00: 73.)

Convict Labor; see Labor. Convict Labor

County Roads

1854. Comments on co. roads and recommendation for a property tax to raise fund to be expended wholly in laying out and constructing roads and bridges. (A.R. surveyor gen. 1854: 5-6.)

1855. Same; recommendation that poll tax be levied, and a property tax, to be expended wholly in laying out and constructing roads and bridges. (*Same* 1855: 42-55.)

1856-1857. Same; and on co. boundaries. (*Same* 1856 (pp. 21-23)—*same* 1857.)

1896. Duties of co. surveyor. (Bienn. rept. bureau of highways 1895/6: 33.)

——. Co. thoroughfares, or highways of second class; and distr. roads, or highways of third class. (*Same* 1895/6: 30-31.)

AMADOR COUNTY

1897/8. Amador Co. roadwork. (Bienn. rept. dept. of highways 1897/8: 20-21.)

EL DORADO COUNTY

1858. Veto of act to provide for construction of branch wagon road in El Dorado Co. and to authorize levy of special tax for that purpose. (Sen. jol. 9 sess. pp. 256-257.)

MARIPOSA COUNTY

1855. Veto of act authorizing construction of wagon road in Mariposa Co., as act of incorporation by special legislation. (Assem. jol. 1855: 517-520.)

SACRAMENTO COUNTY

1897. Issue of bonds by Sacramento Co. to provide funds for expenses of construction and transportation on model highway from Sacramento to Folsom provided for by legisl. of 1897, declared illegal. (Bienn. rept. dept. of highways 1897/8: 19-20.)

SAN MATEO COUNTY

1898. San Mateo Co. bond election—result agst. bonds. (Bienn. rept. dept. of highways 1897/8: 21.)

Expenditures for

1885-1895. Comments on highway expenditures in state. (Bienn. rept. bureau of highways 1895/6: 21-22.)

——. Stmt. showing amt. of money raised for road purposes from all sources for 11 yrs. (*Same* 1895/6 foldg. table.)

1886-1895. Statistical repts. on condition of roads in each co.; tables showing amt. expended in past 10 yrs. by each. (*Same* 1895/6: 37-115.)

1886/95-1897. Table showing expenditures for roads for no. of yrs. (*Same* 1897/8: 42.)

1894/5. Stmt. compiled from accts. of co. auditors and other sources, showing financial status of state, re. road moneys, miles of road, no. of sq. miles of area to each mile of road, no. of yds. of road to each inhabitant, expenditure per mile, etc., by cos. (*Same* 1895/6 foldg. table.)

ROADS—cont'd

Expenditures for—cont'd

1895/6-1901/2. Stmt. of expenditures of dept. (*Same* 1895/6 (pp. 126-130)—*same* 1901/2.)

1898-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for dept. of highways. (Bienn. rept. state controller 1896/8 (p. 60)—*same* 1902/4.)

1898/9-1901/2. Stmt. of expenditures for roads for bienn. period, by cos. (Bienn. rept. dept. of highways 1899/00 (p. 111)—*same* 1901/2.)

1899/00-1901/2. Same; from Tioga fund. (*Same* 1899/00 (pp. 114-115)—*same* 1901/2.)

1900. Expenditures from Lake Tahoe Wagon Road Fund. (*Same* 1899/00: 116.)

1902-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for Lake Tahoe wagon road. (Bienn. rept. state controller 1900/2 (p. 86)—*same* 1902/4.)

1903/4. Financial stmt. (Bienn. rept. dept. of highways 1902/4: 33.)

Laws

1887. Road laws of Cal. as amended. 91 pp.

1893. Same. 91 pp.
Not seen; entries from Suppl. Cat. Law Dept. Cal. State Library, 1893.

1895. Act to create bureau of highways. 4 pp. (Bureau of highways bull. 1.)

1897. Act creating dept. of highways. 7 pp. (Dept. of highways bull. 1 [1897].)

——. Act providing for establishment of uniform system of road govt. and administration in cos. of state; approved Apr. 1. 16 pp.
Not seen; entry from Bowker.

Toll Roads

LOS ANGELES COUNTY

1857. Veto of act to authorize certain persons to collect tolls on a road in Los Angeles Co. (Assem. jol. 8 sess. pp. 763-764.)

SAN BERNARDINO COUNTY

1857. Veto of act granting to certain persons the right to collect tolls on a road in San Bernardino Co. (Assem. jol. 8 sess. pp. 762-763.)

Turnpike Roads

1857. Veto of act authorizing F. De La Guerra and others to build and construct a turnpike or gravel road from Rancho of Sini, Sta. Barbara Co. to plain of San Fernando, Los Angeles Co. (Sen. jol. 8 sess. pp. 768-769.)

——. Same; to grant the right to construct a turnpike road betw. Columbia and Sonora in Tuolumne Co. (*Same* 8 sess. pp. 721-722.)

1858. Same; to amend act to authorize formation of corporations for construction of plank and turnpike roads. (Assem. jol. 9 sess. p. 536.)

1861. Recommended that turnpike cos. be allowed to incorporate upon same terms, and by same steps as mining corporations. (A.R. atty. gen. 1861: 8.)

1864. Veto of act to provide for construction of a turnpike road in Sta. Clara and Sta. Cruz cos. (Sen. jol. 15 sess. p. 531.)

1868. Mess. re. Assem. bill 33, granting a wagon road franchise; vetoing it, because constitution prohibits creation of corporations by special act. 4 pp. (App. to jols. 17 sess. v. 2 [doc. 33].)

——. Rept. [unfavorable] of Sen. judiciary committee on special legislation for benefit of corporations, and certain turnpike road cos. in particular. 5 pp. (*Same* 17 sess. v. 3 [doc. 23].)

1870. Mess. of Gov. Haight, returning without his approval Assem. bill 111, act to provide for construction of a turnpike road from Ukiah City to Cloverdale. 4 pp. (*Same* 18 sess. v. 3 doc. [52].)

ROADS—cont'd

Turnpike Roads—cont'd

1898. Comments on suit, Peoples, etc. vs. Yosemite and Coulterville Turnpike Co. et als. (Bienn. rept. state controller 1896/8: 23.)

Yosemite Park; see Parks

ROADS: INDIVIDUAL

1900. Necessity for state aid to following roads: Bakersfield-Sta. Barbara; Tejon Pass; Sacramento-Yolo; Humboldt-Shasta Co.; Tallac-M'Kinney's; and national park roads. (Bienn. rept. dept. of highways 1899/00: 76-78.)

Lake Tahoe Wagon Road

serial

Under Act of April 1, 1897.

1897/8-1902/4. Rept. of Lake Tahoe Wagon Road comr.

In Documents as follows:

1897/8 in App. to jols. 33 sess. v. 1 doc. [20].

1899/00 in Bienn. rept. dept. highways 1899/00: 105-110.

1901/2 in Bienn. rept. dept. highways 1900/2: 22-23.

1902/4 in Bienn. rept. dept. highways 1902/4: 31-32.

non-serial

1899/00-1902/4. Work of dept. on Lake Tahoe State Wagon Road. (Bienn. rept. dept. of highways 1899/00 (pp. 72-73)—*same* 1902/4.)

Mono Lake Basin Road

1896-1902. Review of examinations and legislation re. Mono Lake Basin or Tioga Road; also amt. and cost of work done and recommended apprn. of $25,000 for its completion. (Bienn. rept. dept. of highways 1901/2: 17-21.)

1899/00. Work of dept. on Tioga Road; advisability of constructing Tenaiya Cañon Road in connection with this. (*Same* 1899/00: 69-71.)

1902/4. Rept. of work done on Mono Lake Basin Road; recommended ann. apprn. for its maintenance when completed. (*Same* 1902/4: 16-18.)

San Francisco and Dolores Plank Road

1851. Rept. re. construction of S. F. and Dolores plank road, with copy of ordinance contracting for same. (Legisl. jol. 1851: 748-751.)

Sonoma-Mono Road

1902. Legisl. of 1901 made Sonoma-Mono Road a state highway, but made no apprns. for maintenance or improvement; examination into conditions and needs of same with recommended apprn. (Bienn. rept. dept. of highways 1901/2: 15-17.)

Trinity-Humboldt Road

1904. Trinity-Humboldt Road survey. (Bienn. rept. dept. of highways 1902/4: 18-20.)

ROCK-CRUSHING REVOLVING FUND; see LABOR. CONVICT LABOR

ROCKY MT. LOCUST; see AGRICULTURE. CROPS. PESTS

ROSCOELITE; see NATURAL RESOURCES. MINERAL

RUSSIAN THISTLE; see AGRICULTURE. CROPS. PESTS

SACRAMENTO

Climate; see that title

Debt; see that title

Fire Department; see Fire Departments

Mortality; see Vital Statistics

Rainfall; see Climate

Sanitary Condition; see Public Health

Schools; see Education

Sewerage; see that title

SACRAMENTO—cont'd

Temperature; see Climate

Vital Statistics; see that title

Water Supply; see that title

SACRAMENTO BASIN

Fruit Crop; see Agriculture. Crops

SACRAMENTO COUNTY (1850)

Artesian Wells; see Natural Resources

Assessors; see Taxation: State

Beet Sugar; see Industries, etc. Sugar

Brick-making; see Natural Resources. Mineral. Sacramento County

Bullion Production

1885. See Natural Resources. Mineral. Production; this date.

Clay in; see Natural Resources. Mineral

County Hospital; see Maintenance: County

Debt; see that title

Finances; see Finance: County

Gold

1881. See Natural Resources. Mineral. Gold; this date.

1892-1895. See same; these dates.

1892/4-1894/6. See same; these dates.

Granite in; see Natural Resources. Mineral

Horticultural Board; see Agriculture. Horticultural Commissions

Irrigation; see Land

Mines and Mining

1888/90-1890/2. See Industries, etc. Mines and Mining; these dates.

Mining and Irrigating Canals

1894/6. See Industries, etc. Mining Canals, etc.; these dates.

Natural Gas in; see Natural Resources

Roads; see that title

Silver

1892-1895. See Natural Resources. Mineral. Silver; these dates.

Surveyor; see Land

Temperature; see Climate

SACRAMENTO RIVER; see RIVER CONSERVANCY

SACRAMENTO VALLEY

Climate; see that title

Drainage; see River Conservancy

Irrigation; see Land. Irrigation

Peaches in; see Agriculture. Crops

Rainfall; see Climate

SALARIES

General material only. Material relating to salaries of especial state officers entered with subject.

1899. Table showing salaries of state officers in several states and territories of the U. S. (Blue book 1899: 404.)

CALIFORNIA

1849/50. Recommendation for general and uniform reduction of all salaries of state officers, so that they may be made to bear a fair and equal proportion to rewards of other kinds of labor and means of subsistence; also suggestion for propriety of abolishing all officers not immediately demanded by public necessity. (A.R. state controller 1849/50: 540.)

Paging from Collected docs.

SALARIES—cont'd

CALIFORNIA—cont'd

1851. General reduction of salaries in view of decreased cost of living. (Govs. ann. mess. 1851.)

1852. Rept. re. salaries of state officers, urging reduction of same; showing amts. of various salaries and reviewing legislation providing therefor. (Assem. jol. 1852: 508-514.)

1853. Salaries of state officers nominal to extent of one-third of their amt., as result of being paid in depreciated securities, with suggestion to reduce same and pay on cash basis. (Govs. ann. mess. 1852.)

1856. Favorable rept. re. proposed reduction of official salaries, in view of decreased cost of living. (Sen. jol. 1856: 243-244.)

1861. Recommended that all acts hereafter passed, designing to compensate co. officers, by salaries to be paid from fees collected in their offices, be so framed as to limit them solely to fund created by fees collected in their respective offices. (A.R. atty. gen. 1861: 8.)

1870. Rept. and res. on revision of several acts re. fees and salaries. 2 ll. (App. to jols. 18 sess. v. 2 unnum. doc.)

1883. List of clerks of committees, attaches, and employees of Assem., with services they perform, and compensation they receive. (Assem. jol. 25 sess. pp. 132-133.)

1883-1899. List of state and co. governments, salaries, terms of office, etc. (Blue book 1883 (pp. 3-11)—*same* 1899.)

State govts. only given in 1893, 1895, and 1899.

1885. List of officers, employes, and clerks of Assem., with amt. of daily compensation recd. by each. (Assem. jol. 26 sess. pp. 128-129.)

1886. Rept. of House committee on attachés and employes; list and per diem. (House jol. 12 extra sess. 1886: 14.)

1887. List of all employes of House, with amt. of per diem compensation. (Assem. jol. 27 sess. pp. 169-170.)

1895. List of all members, employes, etc., of Sen., with amt. of compensation recd. daily by them. (Sen. jol. 31 sess. pp. 570-575.)

——. Ann. pay-rolls of state officials, etc. (Blue book 1895: 65-80.)

1895/7. Table showing increase of officials and employes, and their salaries. (*Same* 1895: 84.)

County Officers

1877. Recommendation that in those cos. where auditors, assessors, collectors, and treasurers receive fees instead of salaries, that their cos. pay them for all services rendered state in reference to state taxes, amt. they now receive from state for such services and in such cases state would pay nothing back to the several cos. for aforesaid services, nor collect so much from said cos. ann. (Bienn. rept. state controller 1875/7: 14.)

1883-1899. See above; these dates.

1895-1899. List of co. officials, salaries and commissions. (Blue book 1895 (pp. 150-173)—*same* 1899.)

1899. Petition agst. changes being made in law to increase salaries in Sta. Clara Co. (Assem. jol. 33 sess. pp. 1573-1574.)

JUDGES

1861. Veto of act to fix compensation of co. judge of Calaveras Co. (Assem. jol. 12 sess. pp. 245-246.)

1863. Rept. on act to fix salary of co. judge of Monterey Co. (*Same* 15 sess. pp. 147-155.)

SUPERVISORS

1863. Veto of act to establish compensation of supervisors of El Dorado Co. (Sen. jol. 15 sess. pp. 131-132.)

SALARIES—cont'd

Expenditures

1849/50-1850/1. Stmts. giving disbursements for salaries of state officers. (A.R. state treasurer 1849/50 (pp. 554, 557)—*same* 1850/1.)

Paging from Collected docs.

1873. Stmt. showing salaries paid state officers, amt. recommended, and amt. that would be saved to state ann. if adopted. (Bienn. rept. state controller 1871/3: 204.)

1895. Rept. showing amt. of money ann. paid by state for salaries. (Sen. jol. 31 sess. pp. 719-729.)

Teachers; see Labor. Wages

SALINAS

Rainfall; see Climate

Temperature; see Climate

SALINAS VALLEY

Climate; see that title

SALMON; see FISH AND GAME

SALT

Deposits; see Natural Resources. Mineral

Production; see Natural Resources. Mineral

SALTON LAKE

1890/2. Salton Lake in San Diego Co.; by E. B. Preston, E. M., field asst. (11 rept. state mineralogist 1890/2: 387-393.)

SAN ANTONIO CREEK; see RIVER CONSERVANCY

SAN BENITO COUNTY (1874)

Antimony

1892/4-1894/6. See Natural Resources. Mineral. Antimony; these dates.

Artesian Wells; see Natural Resources

Coal

1892/4-1894/6. See Natural Resources. Mineral. Coal; these dates.

Geology; see Natural Resources

Gold

1892/4-1894/6. See Natural Resources. Mineral. Gold; these dates.

Gypsum

1892/4-1894/6. See Natural Resources. Mineral. Gypsum; these dates.

Horticultural Board; see Agriculture. Horticultural Commissions

Lime in; see Natural Resources. Mineral

Limestone in; see Natural Resources. Mineral

Manganese

1892/4-1894/6. See Natural Resources. Mineral. Manganese; these dates.

Marble in; see Natural Resources. Mineral

Mineral Springs in; see Natural Resources

Mines and Mining

1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.

Mining and Irrigating Canals

1894/6. See Industries, etc. Mining Canals, etc.; these dates.

Petroleum in; see Natural Resources. Mineral

Quicksilver

1892/4-1894/6. See Natural Resources. Mineral. Quicksilver; these dates.

SAN BERNARDINO
Climate; see that title

SAN BERNARDINO COUNTY (1853)
Asphaltum in; see Natural Resources. Mineral
Assessors; see Taxation: State
Borax in; see Natural Resources. Mineral
Bullion Production
1885. See Natural Resources. Mineral. Production; this date.
Cement in; see Natural Resources. Mineral
Climate; see that title
Copper
1892/4-1894/6. See Natural Resources. Mineral. Copper; these dates.
Forests; see Natural Resources
Galena
1892/4-1894/6. See Natural Resources. Mineral. Galena; these dates.
Geology; see Natural Resources
Gold
1881. See Natural Resources. Mineral. Gold; this date.
1888. See same; this date.
1892-1895. See same; these dates.
1892/4-1894/6. See same; these dates.
Granite in; see Natural Resources. Mineral
Horticultural Board; see Agriculture. Horticultural Commissions
Irrigation; see Land Irrigation
Lime in; see Natural Resources. Mineral
Limestone in; see Natural Resources. Mineral
Marble in; see Natural Resources. Mineral
Mineral Springs in; see Natural Resources
Mines
1879/80. See Natural Resources. Mineral. Production; this date.
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Natural Gas in; see Natural Resources
Petroleum in; see Natural Resources. Mineral
Rainfall; see Climate
Salt in; see Natural Resources. Mineral
Silver; see Natural Resources. Mineral. Silver
Surveyor; see Land
Toll-roads; see Roads

SAN DIEGO
Climate; see that title
Harbor; see Harbors
Mortality; see Vital Statistics
Normal School; see Education: Individual, etc.
Quarantine Station; see Public Health
Rainfall; see Climate
Water Front Property; see Land
Wharves and Docks; see that title

SAN DIEGO COUNTY (1850)
Artesian Wells; see Natural Resources
Asphaltum in; see Natural Resources. Mineral
Assessors; see Taxation: State
Bullion Production
1885. See Natural Resources. Mineral. Production; this date.
Climate; see that title
Forests; see Natural Resources

SAN DIEGO COUNTY (1850)—cont'd
Geology; see Natural Resources
Gold
1881. See Natural Resources. Mineral. Gold; this date.
1888. See same; this date.
1892-1895. See same; these dates.
1892/4-1894/6. See same; these dates.
Granite in; see Natural Resources. Mineral
Health Resort; see Public Health
Horticultural Board; see Agriculture. Horticultural Commissions
Indian Wars; see War Expenditures
Industries; see that title
Mineral Springs in; see Natural Resources
Mines
1879/80. See Natural Resources. Mineral. Production; this date.
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Mining and Irrigating Canals
1894/6. See Industries, etc. Mining Canals, etc.; these dates.
Natural Gas in; see Natural Resources
Petroleum in; see Natural Resources. Mineral
Poor-House; see Maintenance: County
Rainfall; see Climate
Salt Works; see Natural Resources. Mineral
Silver
1892-1895. See Natural Resources. Mineral. Silver; these dates.
Spodumene in; see Natural Resources
Surveyor; see Land
Temperature; see Climate

SAN FELIPE SINK; see CLIMATE. SAN DIEGO COUNTY

SAN FRANCISCO BAY
Fisheries; see Fish and Game

SAN FRANCISCO CITY
City Hall; see Public Buildings: City
Climate; see that title
Custom House Block; see Land: State. Transfer
Debt; see that title
Depot; see Railroads
Education Department; see Education
Exports from; see Commerce, etc.
Finances; see Finance: Municipal
Fish Market; see Fish and Game
Harbor; see Harbors
Health Board; see Public Health. Local Boards
Libraries; see that title
Mare Island; see Land: State. Transfer
Market; see Markets
Mint; see Money. Coinage
Mortality; see Vital Statistics
Normal School; see Education: Individual, etc.
Parks; see Parks: City
Plaza; see Land: State. Transfer
Police Force; see Administration of Justice: City
Prices in; see Prices
Pueblo Lands; see Land
Quarantine Station; see Public Health
Rainfall; see Climate
Sanitary Condition; see Public Health

SAN FRANCISCO CITY—cont'd
Schools; see Education
Smallpox in; see Public Health. Epidemics
Street Railways; see that title
Streets; see Public Works: City
Temperature; see Climate
Vigilance Committee; see Riots
Water Supply; see that title
Water Front; see Land
Wharves and Docks; see that title

SAN FRANCISCO CITY AND COUNTY
Almshouse; see Maintenance: County
Hospital; see Maintenance: County

SAN FRANCISCO COUNTY (1850)
Artesian Wells; see Natural Resources
Assessors; see Taxation: State
Industries; see that title
Mining and Irrigating Canals
1894/6. See Industries, etc. Mining Canals, etc.; these dates.
Quicksilver
1892/4-1894/6. See Natural Resources. Mineral. Quicksilver; these dates.
Surveyor; see Land

SAN FRANCISCO DEPOT FUND; see RAILROADS. DEPOTS

SAN JOAQUIN
Rainfall; see Climate

SAN JOAQUIN COUNTY (1850)
Artesian Wells; see Natural Resources
Assessors; see Taxation: State
Bullion Production
1885. See Natural Resources. Mineral. Production; this date.
Clay in; see Natural Resources. Mineral
Debt; see that title
Forests; see Natural Resources
Horticultural Board; see Agriculture. Horticultural Commissions
Manganese
1892/4-1894/6. See Natural Resources. Mineral. Manganese; these dates.
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Natural Gas in; see Natural Resources
Surveyor; see Land

SAN JOAQUIN DISTRICT
Fruit Crop; see Agriculture. Crops

SAN JOAQUIN RIVER; see RIVER CONSERVANCY

SAN JOAQUIN VALLEY
Climate; see that title
Irrigation; see Land. Irrigation
Lakes of; see Water Power
Rainfall; see Climate

SAN JOSE
Normal School; see Education: Individual, etc.
Pueblo Lands; see Land

SAN JOSE SCALE; see AGRICULTURE. CROPS. PESTS

SAN LUIS OBISPO
California Polytechnic School; see Education: Individual, etc.
Climate; see that title

SAN LOUIS OBISPO CONDEMNATION FUND; see FINANCE: STATE. FUNDS

SAN LUIS OBISPO COUNTY (1850)
Antimony
1892/4-1894/6. See Natural Resources. Mineral. Antimony; these dates.
Asphaltum in; see Natural Resources. Mineral
Assessors; see Taxation: State
Clay in; see Natural Resources. Mineral
Coal in; see Natural Resources. Mineral
Coal
1892/4-1894/6. See Natural Resources. Mineral. Coal; these dates.
County Hospital; see Maintenance: County
Diabase in; see Natural Resources. Mineral
Geology; see Natural Resources
Gold
1892-1895. See Natural Resources. Mineral. Gold; these dates.
1892/4-1894/6. See same; these dates.
Granite in; see Natural Resources. Mineral
Gypsum
1892/4-1894/6. See Natural Resources. Mineral. Gypsum; these dates.
Iron
1892/4-1894/6. See Natural Resources. Mineral. Iron; these dates.
Lime in; see Natural Resources. Mineral
Limestone in; see Natural Resources. Mineral
Manganese
1892/4-1894/6. See Natural Resources. Mineral. Manganese; these dates.
Marble in; see Natural Resources. Mineral
Mineral Springs in; see Natural Resources
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Natural Gas in; see Natural Resources
Onyx in; see Natural Resources. Mineral
Petroleum in; see Natural Resources. Mineral
Quicksilver
1892/4-1894/6. See Natural Resources. Mineral. Quicksilver; these dates.
Rainfall; see Climate
Sandstone in; see Natural Resources. Mineral
Silver
1892-1895. See Natural Resources. Mineral. Silver; these dates.
Temperature; see Climate
Travertine in; see Natural Resources. Mineral

SAN MATEO COUNTY (1856)
Asphaltum in; see Natural Resources. Mineral
Assessors; see Taxation: State
Chert in; see Natural Resources. Mineral
Debt; see that title
Gold
1892/4-1894/6. See Natural Resources. Mineral. Gold; these dates.
Horticultural Board; see Agriculture. Horticultural Commissions

SAN MATEO COUNTY (1856)—cont'd
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Natural Gas in; see Natural Resources
Petroleum in; see Natural Resources. Mineral
Railroad Aid; see Railroads: Individual. Southern Pacific. 1870
Roads; see that title
Sandstone in; see Natural Resources. Mineral
Silver
1892/4. See Natural Resources. Mineral. Silver; this date.

SAN NICOLAUS ISLAND; see NATURAL RESOURCES. GEOLOGY

SAN QUENTIN STATE PRISON; see MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS

SAN RAFAEL
Rainfall; see Climate

SANDSTONE
Deposits; see Natural Resources. Mineral

SANITARIA; see PUBLIC HEALTH. HEALTH RESORTS

SANITATION
Public Buildings; see Public Buildings and Grounds: State
See also Public Health. For sanitation of public institutions, see name of institution under Maintenance: State Individual, etc.

SANTA BARBARA
Climate; see that title
Harbor; see Harbors
Health Resort; see Public Health
Rainfall; see Climate
Temperature; see Climate
Vital Statistics; see that title

SANTA BARBARA COUNTY (1850)
Artesian Wells; see Natural Resources
Asphaltum in; see Natural Resources. Mineral
Assessors; see Taxation: State
Baryta in; see Natural Resources. Mineral
Forests; see Natural Resources
Geology in; see Natural Resources
Gold
1881. See Natural Resources. Mineral. Gold; this date.
1892-1895. See same; these dates.
1892/4-1894/6. See same; these dates.
Gypsum
1892/4-1894/6. See Natural Resources. Mineral. Gypsum; these dates.
Horticultural Board; see Agriculture. Horticultural Commissions
Iron
1892/4-1894/6. See Natural Resources. Mineral. Iron; these dates.
Mineral Springs in; see Natural Resources
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Mining and Irrigating Canals
1894/6. See Industries, etc. Mining Canals, etc.; these dates.

SANTA BARBARA COUNTY (1850)—cont'd
Natural Gas in; see Natural Resources
Petroleum in; see Natural Resources. Mineral
Quicksilver
1892/4-1894/6. See Natural Resources. Mineral. Quicksilver; these dates.
Sandstone in; see Natural Resources. Mineral
Silver
1892-1895. See Natural Resources. Mineral. Silver; these dates.
Surveyor; see Land

SANTA CATALINA ISLAND
Geology; see Natural Resources

SANTA CLARA
Climate; see that title

SANTA CLARA COUNTY (1850)
Artesian Wells; see Natural Resources
Asphaltum in; see Natural Resources. Mineral
Assessors; see Taxation: State
Clay in; see Natural Resources. Mineral
Fruit Crop; see Agriculture. Crops
Horticultural Board; see Agriculture. Horticultural Commissions
Iron
1892/4-1894/6. See Natural Resources. Mineral. Iron; these dates.
Lime in; see Natural Resources. Mineral
Limestone in; see Natural Resources. Mineral
Magnesite
1894/6. See Natural Resources. Mineral. Magnesite; these dates.
Manganese
1892/4-1894/6. See Natural Resources. Mineral. Manganese; these dates.
Marble in; see Natural Resources. Mineral
Mineral Springs in; see Natural Resources
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Mining and Irrigating Canals
1894/6. See Industries, etc. Mining Canals, etc.; these dates.
Natural Gas in; see Natural Resources
Pectolite in; see Natural Resources. Mineral
Petroleum in; see Natural Resources. Mineral
Quicksilver
1892/4-1894/6. See Natural Resources. Mineral. Quicksilver; these dates.
Railroad Aid; see Railroads: Individual. Southern Pacific. 1870
Sandstone in; see Natural Resources. Mineral
Surveyor; see Land

SANTA CLARA VALLEY
Wines; see Industries, etc. Liquor

SANTA CRUZ
Harbor; see Harbors

SANTA CRUZ COUNTY (1850)
Artesian Wells; see Natural Resources
Asphaltum in; see Natural Resources. Mineral
Assessors; see Taxation: State
Cement in; see Natural Resources. Mineral

SANTA CRUZ COUNTY (1850)—cont'd
Clay in; see Natural Resources. Mineral
Forests; see Natural Resources
Gold
1888. See Natural Resources. Mineral. Gold; this date.
1892/4-1894/6. See same; these dates.
Granite in; see Natural Resources. Mineral
Horticultural Board; see Agriculture. Horticultural Commissions
Lime in; see Natural Resources. Mineral
Limestone in; see Natural Resources. Mineral
Marble in; see Natural Resources. Mineral
Mineral Springs in; see Natural Resources
Mining; see Industries, etc. Mines and Mining
Mining and Irrigating Canals
1894/6. See Industries, etc. Mining Canals, etc.; these dates.
Natural Gas in; see Natural Resources
Petroleum in; see Natural Resources. Mineral
Surveyor; see Land

SANTA MARIA
Climate; see that title

SANTA MARIA RIVER; see RIVER CONSERVANCY

SANTA MARIA VALLEY
Fruit Crop; see Agriculture. Crops

SANTA MONICA
Climate; see that title
Rainfall; see Climate

SANTA ROSA
Rainfall; see Climate

SARDINES; see FISH AND GAME

SAULTRY FUND; see FINANCE: STATE. FUNDS. TRUST FUNDS

SAVINGS BANKS; see BANKS

SCALE INSECTS; see AGRICULTURE. CROPS. PESTS

SCARLET FEVER; see PUBLIC HEALTH

SCHOOL FUND; see EDUCATION

SCHOOL GARDENS; see EDUCATION

SCHOOL-HOUSES; see EDUCATION

SCHOOL HYGIENE; see EDUCATION

SCHOOL TAX; see TAXATION: STATE

SCOTT VALLEY
Rainfall; see Climate

SEA LIONS; see FISH AND GAME

SEALS; see FISH AND GAME

SEAT OF GOVERNMENT; see CAPITAL

SECRETARY OF STATE
serial
1 series
1856/7-1859/60. Ann. rept. of secy. of state on state library and affairs of his office.
In Collected docs. as follows:
1856/7 in App. to Assem. jol. 9 sess. unnum. doc.
1856/7 " " " Sen. " 9 " " "

SECRETARY OF STATE—cont'd
serial—cont'd
1 series—cont'd
1857/8 in App. to Assem. jol. 10 sess. unnum. doc.
1857/8 " " " Sen. " 10 " " "
1858/9 " " " Assem. " 11 " " "
1858/9 " " " Sen. " 11 " " "
1859/60 " " " " " 12 " " "
2 series
1860/1-1862/3. Ann. rept. of secy. of state.
In Collected docs. as follows:
1860/1 in App. to jols. 13 sess. unnum. doc.
1861/2 " " " " 14 " " "
1862/3 " " " " 15 " v. 1 unnum. doc.
3 series
1863/5-1877/9. Bienn. rept. of secy. of state, 1 et seq.
In Collected docs. as follows:
1. 1863/5 in App. to jols. 16 sess. v. 1 unnum. doc.
unnum. 1865/7 " " " " 17 " v. 3 " "
" 1867/9 " " " " 18 " v. 1 " "
" 1869/71 " " " " 19 " v. 1 " "
" 1871/3 " " " " 20 " v. 1 " "
" 1873/5 " " " " 21 " v. 2 " "
" 1875/7 " " " " 22 " v. 1 " "
" 1877/9 " " " " 23 " v. 1 " "
4 series
1880. Rept. [ann.] of secy. of state.
In Collected docs. as follows:
1880 in App. to jols. 24 sess. v. 2 unnum. doc.
Jan. 5 to July 1 only.
5 series
1880/2-1902/4. Bienn. rept. of secy. of state.
In Collected docs. as follows:
1880 in App. to jols. 24 sess. v. 2 unnum. doc.
1880/2 in App. to jols. 25 sess. v. 1 unnum. doc.
1882/4 " " " " 26 " v. 1 " "
1884/6 " " " " 27 " v. 1 " "
1886/8 " " " " 28 " v. 1 " "
1888/90 " " " " 29 " v. 1 " "
1890/2 " " " " 30 " v. 1 " "
1892/4 " " " " 31 " v. 1 " "
1894/6 " " " " 32 " v. 1 " "
1896/8 " " " " 33 " v. 1 doc. [5].
1898/00 " " " " 34 " v. 1 " [4].
1900/2 " " " " 35 " v. 1 " [5].
non-serial
1857. Stmt. showing names of employes in secy's. office and amt. of pay each receives. (Assem. jol. 8 sess. p. 441.)
1885. Rept. on examination of books, papers, etc., in office of secy. of state. (Sen. jol. 26 sess. pp. 526-530.)
Receipts and Expenditures; see Finance: State

SEMINARY FUND; see EDUCATION. SCHOOL FUND

SEMINARY LANDS; see LAND: STATE. SCHOOL LANDS

SENATE
Expenditures for; see Finance: State. Expenditures

SEQUOIA; see NATURAL RESOURCES. FORESTS

SERPENTINE
Deposits; see Natural Resources. Minerals

SEWAGE DISPOSAL
1874/5. On drainage and sewage systems of London and Paris; plans. (3 bienn. rept. bd. health 1874/5: 194-224.)
1894. Rept. on ultimate disposal of sewage; by J. H. Stallard, M. D., of S. F. (13 *same* 1894: 252-257.)
——. Same; separate. 8 pp.
——. Sewage irrigation; by H. S. Orme. 5 pp.
——. Same. (13 bienn. rept. bd. health 1892/4: 245-247.)
1898/00. Paper on subject of collection and disposal of sewage; by C. E. Grunsky, C. E. (16 *same* 1898/00: 52-61.)
Reference to Cal. conditions.

SEWERAGE
1873. Suggestion for construction of intercepting sewer along city front, and inside of state line, of capacity sufficient to receive sewage of city and to be flushed at each returning ebb tide by water to be retained in basin or reservoir at southern extremity. (Bienn. rept. harbor comrs. 1871/3: 6.)
1876/7. Sewerage for Stockton. (4 bienn. rept. bd. health 1876/7: 79-81.)
1877/9. Rept. on sewerage of cities and towns of Cal. (5 *same* 1877/9: 57-72.)
——. Plan of sewerage system of Sacramento. (5 *same* 1877/9 facing p. 66.)
——. Drainage and sewerage; by F. W. Todd. (5 *same* 1877/9: 91-93.)
In its local application.
——. Map of sewerage of Marysville, Cal. (5 *same* 1877/9 facing p. 70.)
1880. Comments on sewers and suggestion that legisl. authorize their construction, provided that present system of discharging city sewers into docks is to be continued. (Bienn. rept. harbor comrs. 1879/80: 8-9.)
1882/4. Rept. of committee of citizens assn. on sewerage of city of Sacramento and disposal of sewage; with remarks by secy. of state bd. (8 bienn. rept. bd. health 1882/4: 41-43.)

SHAD; see FISH AND GAME

SHASTA
Rainfall; see Climate

SHASTA COUNTY (1850)
Artesian Wells; see Natural Resources
Assessors; see Taxation: State
Bullion Production
1885. See Natural Resources. Mineral. Production; this date.
Clay in; see Natural Resources. Mineral
Coal
1892/4-1894/6. See Natural Resources. Mineral. Coal; these dates.
Copper
1892/4-1894/6. See Natural Resources. Mineral. Copper; these dates.
Forests; see Natural Resources
Geology; see Natural Resources
Gold
1879-1880. See Natural Resources. Mineral. Gold; these dates.
1881. See same; this date.
1888. See same; this date.
1892-1895. See same; these dates.
1892/4-1894/6. See same; these dates.
Granite in; see Natural Resources. Mineral
Indian Wars; see War Expenditures
Iron
1892/4-1894/6. See Natural Resources. Mineral. Iron; these dates.
Lime in; see Natural Resources. Mineral
Limestone in; see Natural Resources. Mineral
Marble in; see Natural Resources. Mineral
Mineral Springs in; see Natural Resources
Mines
1879/80. See Natural Resources. Mineral. Production; this date.
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.

SHASTA COUNTY (1850)—cont'd
Mining and Irrigating Canals
1894/6. See Industries, etc. Mining Canals, etc.; these dates.
Salt in; see Natural Resources. Mineral
Sandstone in; see Natural Resources. Mineral
Silver
1892/4. See Natural Resources. Mineral. Silver; this date.
1892-1895. See same; these dates.
Surveyor; see Land
Zinc in; see Natural Resources. Mineral

SHEEP; see AGRICULTURE. LIVESTOCK

SHINGLE SPRINGS
Rainfall; see Climate

SHIPBUILDING
Industry; see Industries, etc.

SHIPPING
Tax on; see Taxation: State

SHRIMP; see FISH AND GAME

SIERRA COUNTY (1852)
Asbestos in; see Natural Resources. Mineral
Assessors; see Taxation: State
Bullion Production
1885. See Natural Resources. Mineral. Production; this date.
Copper
1892/4-1894/6. See Natural Resources. Mineral. Copper; these dates.
Drift Mining; see Industries, etc. Mines and Mining
Emery in; see Natural Resources. Mineral
Forests; see Natural Resources
Gold
1881. See Natural Resources. Mineral. Gold; this date.
1888. See same; this date.
1892-1895. See same; these dates.
1892/4-1894/6. See same; these dates.
Iron
1892/4-1894/6. See Natural Resources. Mineral. Iron; these dates.
Mineral Springs in; see Natural Resources
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Silver
1892-1895. See Natural Resources. Mineral. Silver; these dates.
Surveyor; see Land
Taxes; see Taxation: County

SILK CULTURE; see INDUSTRIES, ETC.

SILVER
Mining; see Natural Resources. Mineral

SISKIYOU COUNTY (1852)
Assessors; see Taxation: State
Bullion Production
1885. See Natural Resources. Mineral. Production; this date.
Coal
1892/4-1894/6. See Natural Resources. Mineral. Coal; these dates.

SISKIYOU COUNTY (1852)—cont'd
Copper
1892/4-1894/6. See Natural Resources. Mineral. Copper; these dates.
Forests; see Natural Resources
Galena
1892/4-1894/6. See Natural Resources. Mineral. Galena; these dates.
Gold
1879-1880. See Natural Resources. Mineral. Gold; these dates.
1881. See same; this date.
1888. See same; this date.
1892-1895. See same; these dates.
1892/4-1894/6. See same; these dates.
Indian Wars; see War Expenditures
Lime in; see Natural Resources. Mineral
Limestone in; see Natural Resources. Mineral
Marble in; see Natural Resources. Mineral
Mineral Springs in; see Natural Resources
Mines
1879/80. See Natural Resources. Mineral. Production; this date.
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Natural Gas in; see Natural Resources
Quicksilver
1892/4-1894/6. See Natural Resources. Mineral. Quicksilver; these dates
Rainfall; see Climate
Silver
1892-1895. See Natural Resources. Mineral. Silver; these dates.
Surveyor; see Land

SLATE
Deposits; see Natural Resources. Mineral

SLAUGHTER-HOUSES; see ABATTOIRS

SMALLPOX; see PUBLC HEALTH. EPIDEMICS

SNOWFALL; see CLIMATE

SOCIAL EVIL; see POPULATION

SODA
Produce; see Natural Resources. Mineral

SOILS; see AGRICULTURE

SOLANO COUNTY (1850)
Artesian Wells; see Natural Resources
Assessors; see Taxation: State
Cement in; see Natural Resources. Mineral
Clay in; see Natural Resources. Mineral
County Hospital; see Maintenance: County
Irrigation; see below, Irrigation; this date
Lime in; see Natural Resources. Mineral
Limestone; see Natural Resources. Mineral
Marble in; see Natural Resources. Mineral
Mineral Springs in; see Natural Resources
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Mining and Irrigating Canals
1894/6. See Industries, etc. Mining. Canals, etc.; these dates.

SOLANO COUNTY (1850)—cont'd
Natural Gas in; see Natural Resources
Onyx in; see Natural Resources. Mineral
Rainfall; see Climate
Sandstone in; see Natural Resources. Mineral
Surveyor; see Land
Travertine in; see Natural Resources. Mineral

SONOMA
Climate; see that title
Rainfall; see Climate

SONOMA COUNTY (1850)
Assessors; see Taxation: State
Clay in; see Natural Resources. Mineral
Coal
1892/4-1894/6. See Natural Resources. Mineral. Coal; these dates.
Forests; see Natural Resources
Gold
1892/4-1894/6. See Natural Resources. Mineral. Gold; these dates.
Horticultural Board; see Agriculture. Horticultural Commissions
Industries; see that title
Iron
1892/4-1894/6. See Natural Resources. Mineral. Iron; these dates.
Lime in; see Natural Resources. Mineral
Limestone; see Natural Resources. Mineral
Marble in; see Natural Resources. Mineral
Manganese
1892/4-1894/6. See Natural Resources. Mineral. Manganese; these dates.
Mineral Paint in; see Natural Resources. Mineral
Mineral Springs in; see Natural Resources
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Onyx in; see Natural Resources. Mineral
Prices of Fruit; see Prices
Quicksilver
1892/4-1894/6. See Natural Resources. Mineral. Quicksilver; these dates.
Railroad Aid; see Railroads. Public Aid
Sandstone in; see Natural Resources. Mineral
Surveyor; see Land
Trachyte and Tufa in; see Natural Resources. Mineral
Travertine in; see Natural Resources. Mineral

SONOMA VALLEY
Temperature; see Climate

SOUTH CAROLINA
Mines; see Industries, etc. Mines
Phosphates; see Natural Resources. Mineral

SOUTHERN CALIFORNIA TEACHERS' ASSOCIATION; see EDUCATION. EDUCATIONAL ASSOCIATIONS

SPECULATION
1877. Majority rept. of committee on corporations. 11 pp. (App. to jols. 22 sess. v. 4 [doc. 6].)
Re. Assem. bill 394 "Act to encourage mining industry and to suppress stock gambling"; with table showing volume of business done by principal stock bd. in state in each yr. from 1863 to 1867.

SPODUMENE; see NATURAL RESOURCES. MINERAL

STAMP TAX; see TAXATION: STATE

STANISLAUS COUNTY (1854)
Artesian Wells; see Natural Resources
Assessors; see Taxation: State
Bullion Production
1885. See Natural Resources. Mineral. Production; this date.
Clay in; see Natural Resources. Mineral
Flood; see Climate. Floods
Gold
1879-1880. See Natural Resources. Mineral. Gold; these dates.
1881. See same; this date.
1892-1895. See same; these dates.
1892/4-1894/6. See same; these dates.
Horticultural Board; see Agriculture. Horticultural Commissions
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Mining and Irrigating Canals
1894/6. See Industries, etc. Mining Canals, etc.; these dates.
Quicksilver
1892/4-1894/6. See Natural Resources. Mineral. Quicksilver; these dates.
Railroad Aid; see Railroads. Public Aid
Silver
1892-1895. See Natural Resources. Mineral. Silver; these dates.
Surveyor; see Land

STATE PROPERTY AND STATE PROPERTY FUND; see LAND. MARSH AND TIDE

STEAM BOILERS
Insurance; see Insurance

STEAMBOAT INSPECTION
For inspection of steamers by agts. of bd. of horticulture to prevent distribution of crop pests, see Agriculture.
1851. Veto of act to repeal steamboat inspection act. (Legisl. jol. 1851: 664.)
1876. Rept. and testimony re. seaworthiness of steam vessels carrying passengers to and from port of S. F. 5, 111 pp. (App. to jols. 21 sess. v. 4 unnum. doc.)

STEATITE
Deposits; see Natural Resources. Mineral

STOCKTON
Climate; see that title
Libraries; see that title
Natural Gas Wells; see Natural Resources
Rainfall; see Climate
Sewerage; see that title
Smallpox in; see Public Health. Epidemics
Temperature; see Climate

STRAWBERRY
Crop; see Agriculture. Crops

STREET RAILWAYS
1861. Minority rept. on act to provide for a r.r. within city and co. of S. F. (Assem. jol. 12 sess. pp. 297-298.)

STREET RAILWAYS—cont'd
1864. Rept. of S. F. delegation to Sen. on Sen. bill 163 concerning rates of fare on street r.rs. in city and co. of S. F. 12 pp. (App. to jols. 15 sess. v. 2 unnum. doc.)
1866. Minority rept. of S. F. delegation re. Assem. bill 363 to regulate rates of fare on certain street r.rs. in city and co. of S. F. 4 pp. (*Same* 16 sess. v. 3 unnum. doc.)
1887. Accidents on street cable r.rs. 6 pp. (*Same* 27 sess. v. 3 unnum. doc.)
1895. Comments on street and electric rwys. and opinion of atty. gen. re. same. (2 bienn. rept. r.r. comrs. 1895/6: 14-15.)
1896. Comment on street r.rs. and opinion of atty. gen. re. same. (2 *same* 1895/6: 67-70.)

STREETS; see PUBLIC WORKS: CITY

STRUCTURAL MATERIALS
Deposits; see Natural Resources. Mineral

STURGEON; see FISH AND GAME

SUBSIDIES
1870. Petition for subsidy to Australian steamers. 6 pp. (App. to jols. 18 sess. v. 3 unnum doc.)

SUGAR
Beet Sugar; see Industries, etc.
Crop; see Agriculture. Crops
Industry; see Industries, etc.

SUISUN
Water Supply; see that title

SULPHUR
Deposits; see Natural Resources. Mineral
Mining; see Natural Resources. Mineral

SUMMERLAND
Gas Well; see Natural Resources. Natural Gas
Oil-fields; see Natural Resources. Petroleum

SUNDAY OBSERVANCE
1852. Rept. agst. proposed Sunday restrictive law. (Assem. jol. 1852: 282-283.)
1853. Rept. of select committee on sundry petitions respecting first day of the week. 4 pp. (App. to Assem. jol. 4 sess. doc. 43.)
——. Rept. favoring public observance of Sabbath day. 4 pp. (App. to Sen. jol. 4 sess. doc. 47.)
1858. Amdmt. to law for observance of Sabbath recommended. (A.R. atty. gen. 1858: 5.)
1859. Rept. on act for better observance of Sabbath. (Assem. jol. 10 sess. pp. 348-349.)
1861. Act for observance of Sabbath passed at last sess. defective; recommendation for its repeal or amdmt. (A.R. atty. gen. 1861: 9.)
1862. Repts. of public morals committee re. Sunday law. 20 pp. (App. to jols. 13 sess. [doc. 15].)
1866. Rept. on act to prohibit barbarous and noisy amusements on the Christian Sabbath. (Assem. jol. 16 sess. pp. 568-569.)
1881. Memorial of S. F. Bakers' Verein praying for law requiring bakers to observe the Sabbath as a day of rest. 2 ll. (App. to jols. 24 sess. v. 3 unnum. doc.)
1893. Petition of Cal. Branch of International Bakers' and Confectioners' Union of Amer. for passage of bill providing one day's rest from labor in seven. (Sen. jol. 30 sess. p. 203.)
Liquor Traffic and; see Liquor Traffic

SUPREME COURT: see ADMINISTRATION OF JUSTICE

SURPRISE VALLEY
Climate; see that title

SURVEYS
Geological; see Natural Resources
Topographical; see Land

SUSANVILLE
Climate; see that title

SUTTER COUNTY (1850)
Artesian Wells; see Natural Resources
Assessors; see Taxation: State
Coal
1892/4-1894/6. See Natural Resources. Mineral. Coal; these dates.
Fruit Crop; see Agriculture. Crops
Gold
1892/4-1894/6. See Natural Resources. Mineral. Gold; these dates.
Horticultural Board; see Agriculture. Horticultural Commissions
Indian Hostilities; see War Expenditures
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Mining and Irrigating Canals
1894/6. See Industries, etc. Mining Canals, etc.; these dates.
Surveyor; see Land

SUTTER CREEK
Climate; see that title

SUTTER'S FORT; see PARKS: STATE

SWEET POTATO
Crop; see Agriculture. Crops

SWEETWATER DAM
Climate; see that title

TARIFF
1884. Legislation demanded: higher tariffs on raisins; continuation of present policy of protection on wines; that duty on fermented drinks be rated according to alcoholic strength, that pure grape spirits may be used by winemakers in fortifying sweet wines, without tax; that internal revenue tax on spirits should be based on taxation on consumption, not on production; that further facilities be granted in bond for refilling packages under distillers' stamps; that existing laws for taxation of spurious and adulterated wines be enforced. (2 A.R. chief executive vitic. officer 1882/4: 19-21.)
1887. Results of high protective tariff on wines. (A. R. bd. vitic. comrs. 1887: 41-42.)
1890. Favoring passage of bill pending in Congress authorizing the several states to control sale of fermented and alcoholic drinks, free from interference of national govt. (*Same* 1889/90: 35.)
——. Text of McKinley tariff bill re. alcoholic liquors and of sweet wine bill. (*Same* 1889/90: 76-80.)
1890-1894. Stmt. of import duties of all principal countries, to which Cal. wines, brandies, and raisins are or may be exported. (*Same* 1889/90 (pp. 272-276) —*same* 1893/4.)

TARIFF—cont'd
1893. Rept. of C. A. Wetmore on the Oldham rept. on Cal. wines and on question of tariff on wines. (*Same* 1893/4: 55-58.)
1896. Decision in case before U. S. court re. paying import duty on Zante currants. (5 bienn. rept. bd. hortic. 1895/6: 75-76.)

TAXATION: COUNTY
1852. Suggestion that cos. where high schools are located be empowered to levy tax upon real and personal property within the co., sufficient to defray in part the necessary expenses. (2 A.R. supt. public instruction 1852: 10.)
1874-1888. Table showing rate of co. taxation. (A.R. equalization bd. 1885/6 (pp. 48-49)—bienn. rept. *same* 1887/8.)
1903-1904. Table giving amts. of taxes levied in the several cos. for co. road purposes and expended by bds. of supervisors. (Bienn. rept. bd. of highways 1902/4: 34.)

ALAMEDA COUNTY
1856. Veto of act authorizing sheriff of Alameda Co. to collect delinquent taxes of 1854 and 1855. (Assem. jol. 1856: 538-539.)

MARION COUNTY
1856. Veto of act concerning collection of taxes now due in Marion Co. (Assem. jol. 1856: 539-540.)

PLACER COUNTY
1858. Rept. favoring passage of act to separate office of collector of taxes from office of sheriff in Placer Co. (Sen. jol. 9 sess. pp. 185-186.)

PLUMAS COUNTY
1878. Veto of act to authorize bd. of supervisors of Plumas Co. to refund certain taxes to Sierra Flume and Lumber Co. erroneously assessed and illegally collected. (Assem. jol. 22 sess. pp. 611-612.)

SIERRA COUNTY
1858. Memorial praying for passage of certain laws on taxation and revenue of Sierra Co. (Assem. jol. 9 sess. pp. 140-142.)

TAXATION: FEDERAL
Direct Tax
See also Finance: State. Revenue.
1862-1863. Comments on federal tax. (A.R. state controller 1861/2 (pp. 5-8)—*same* 1862/3.)
Federal Tax Fund; see Finance: State. Revenue
Internal Revenue
1854. Cal. making larger contributions to national treasury, in proportion to population, than any other state. (Govs. ann. mess. 1854: 12.)
1870. Rept. of Sen. grape culture committee with con. res. re. petitioning Congress to exempt fruit distilleries from the working of existing internal revenue law. 6 pp. (App. to jols. 18 sess. v. 2 doc. [38].)
1880. Res. adopted by bd. of vitic. comrs. re. memorial to Congress asking that internal revenue laws be passed requiring brandies made from grapes and other fruits in U. S. be sold in original packages, with tax paid stamp attached and that all laws permitting sale of fruit brandies under rectifying or wholesale dealers' license be repealed; also that 5-gallon packages be permitted. (1 A.R. bd. vitic. comrs. revised ed. 1880: 165.)
1888. Res. adopted re. reduction of taxes on spirits and grape brandies. (Rept. 6 ann. state vitic. convention 1888: 180.)

TAXATION: LOCAL

LOS ANGELES

1850. Veto of act to incorporate city of Los Angeles, objecting to unlimited powers of taxation conferred therein, and to such special legislation, with suggestion for method of general incorporation. (Legisl. jol. 1849/50: 137-141.)

SACRAMENTO

1850. Veto of act to incorporate Sacramento City objecting to same as special legislation and as granting unlimited powers of taxation, reviewing evils of same. (Legisl. jol. 1849/50: 890-895.)

1852. Rept. re. proposed amdmt. of Sacramento City charter, reviewing existing objectionable mode of providing for salaries and payment of taxes in said city. (Assem. jol. 1852: 460-463.)

1859. Rept. of plan by which citizens of Sacramento City and Co. were authorized to raise tax for purpose of purchasing grounds and erecting bldgs. for use of State Agric. Socy. free of rent. (Trans. state agric. socy. 1859: 52-53.)

TAXATION: STATE

serial

1 series

1871/3-1877/9. Bienn. rept. of state bd. of equalization.

In Collected docs. as follows:

1871/3	in	App.	to	jols.	20	sess.	v. 2	unnum.	doc.
1873/5	"	"	"	"	21	"	v. 5	"	"
1875/7	"	"	"	"	22	"	v. 3	"	"
1877/9	"	"	"	"	23	"	v. 1	"	"

2 series

1880. Ann. rept. of bd. of equalization.

In Collected docs. as follows:

1880 in App. to jols. 24 sess. v. 3 unnum. doc.

3 series

1880/2-1903/4. Bienn. rept. of bd. of equalization.

In Collected docs. as follows:

1880/2	in	App.	to	jols.	25	sess.	v. 4	unnum.	doc.
1882/4	"	"	"	"	26	"	v. 3	"	"
1884/6	"	"	"	"	27	"	v. 2	"	"
1886/8	"	"	"	"	28	"	v. 1	"	"
1888/90	"	"	"	"	29	"	v. 1	"	"
1890/2	"	"	"	"	30	"	v. 1	"	"
1892/4	"	"	"	"	31	"	v. 1	"	"
1894/6	"	"	"	"	32	"	v. 1	"	"
1896/8	"	"	"	"	33	"	v. 1	"	"
1898/02	"	"	"	"	35	"	v. 2	"	"

non-serial

1849. Review of probable benefits of agric. taxation in forcing owners of large tracts of lands paying no revenue for state to sell to small cultivators. (Govs. ann. mess. 1849.)

——. Stmt. of objections to collection of revenue in coin. (*Same* 1849.)

——. Suggestion to authorize tax collectors to receive taxes in Cal. gold at rate of $16 per ounce troy. (*Same* 1849.)

——. Suggestion to prohibit persons refusing to pay legal taxes, from bringing civil suit in any court in state for period of one yr., and not then, until payment of all arrearages. (*Same* 1849.)

1850. Rept. on tax rates, urging imposition of five-dollar poll tax, and submitting plan for temporary loan until time of collection of taxes, with further suggestion for obtaining revenue by sale of surplus lands in vicinity of future seat of govt. (Legisl. jol. 1849/50: 424-428.)

——. Rept. of finance committee recommending an acceptable system of taxation. (App. to Sen. jol. 1 sess. pp. 424-428 doc. I.)

——. Beneficial effects of system of direct taxation seen in increased impulse given to agric. and by subdivision of large tracts of land, and sale of same to small cultivators. (Govs. ann. mess. 1851.)

TAXATION: STATE—cont'd

non-serial—cont'd

1850. Tabular stmt. of taxes of 1850 and the delinquencies; reductions and payments on same. (A.R. state controller 1850/1: 502-503.)

Paging from Collected docs.

1851. Suggestion for revision of present revenue law, in view of ambiguity of its provisions with regard to relative duties of sheriffs and treasurers; also recommendation for entire abolition of office of co. treasurer. (*Same* 1850/1: 508.)

Paging from Collected docs.

1852. Minority rept. re. defects of constitution in tax regulation, with statistics, showing alleged discrimination in favor of mining cos. to have resulted in increased prosperity of larger cities, and increased prices of production with decreased price of imports. (Assem. jol. 1852: 170-174.)

——. Recommendation that percentage of taxation for state purposes be increased from 30c. to 50c. on one hundred dollars of valuation. (A.R. state controller 1851/2: 32.)

——. Majority rept. re. defects of constitution in provisions for equality of taxation, etc., charging discrimination agst. southern or grazing cos. in operation of existing system, and reviewing transactions leading to formation of constitution. (Assem. jol. 1852: 166-170.)

——. Failure of collecting officers to make return and payment of seven cos. June 30, 1851, and Jan. 27, 1852, cited as illustrating negligence of collecting officers, and loss to state resulting therefrom. (Govs. special mess. Jan. 30, 1852.)

——. Review of suits instituted in enforcement of revenue laws. (Govs. ann. mess. 1853.)

——. Suggestion that controller's civil warrants be made receivable for all taxes and revenues due state, after expiration of present fiscal yr., including auction and gaming tax, except tax on passengers appropriated to state hospitals, and interest tax funds of 1851-1852. (A.R. state controller 1851/2: 33.)

——. Revision of revenue system urged and more stringent provision for collection of same, and accountability of agts. entrusted therewith. (Govs. special mess. Jan. 30, 1852.)

——. Statistics showing heavy taxation of agric. cos., in proportion to representation and population, as compared with richer mining cos., and small amt. of delinquency in same as compared with mining interests; urging constitutional convention to remedy same in view of increasing dissatisfaction in south. (Govs. ann. mess. 1852.)

1852-1853. Abstract of property of all kinds, with total amt. of state tax on same, and poll tax. (A.R. state controller 1851/2 (p. 26)—*same* 1852/3.)

1853. Comments on revenue laws. (*Same* 1852/3: 40.)

——. National taxation in Cal. equivalent to $11.34 per capita of population, and state taxation $3.63. (Govs. ann. mess. 1854: 12.)

——. Revenue laws in need of revision. (*Same* 1853.)

——. Suggestion that tax be laid on each suit appealed to Supreme Court, to be applied for purpose of obtaining library for that court in conjunction with state library. (A.R. state controller 1852/3: 49.)

1854. Complaints made agst. revenue laws. (Govs. ann. mess. 1854: 15.)

1855. Reduction of rates of taxation necessary. (*Same* 1855: 6.)

1856. Opinion upon question of receivability or non-receivability of evidences of civil indebtedness of state in payment of state taxation imposed for ordinary purposes. (A.R. atty. gen. 1856: 8-9.)

TAXATION: STATE—cont'd

non-serial—cont'd

1857. Suggestion that law be so amended as to require all allowances made to co. officers for services required performed in connection with collection of revenue, to be paid by state, to be made by bd. of supervisors. (A.R. controller 1856/7: 4.)

——. Suggested that law be enacted, withholding compensation of co. auditors for performance of all duties connected with revenue, until such time as they can present receipt of controller of state, that they have duly made such rept. (*Same* 1856/7: 4.)

1859. Rept. on act to provide revenue for support of govt. (Sen. jol. 10 sess. pp. 317-326.)

1862. Recommendation that ad valorem tax which revenue laws of 1861 fix at 62c. upon each one hundred dollars of taxable property shall, for 1863, be raised 23c. on one hundred dollars, making tax for 1863 85c. on one hundred dollars of taxable property. (A.R. state controller 1861/2: 16.)

1864. Majority rept. of Assem. committee on ways and means re. bill for purpose of including mines among taxable property of state. 8 pp. (App. to jols. 15 sess. v. 2 unnum. doc.)

1865. Recommendation that rate of taxation for general purposes, be reduced from 48¾c. to 29¾c. on each one hundred dollars of taxable property. (A. R. state controller 1864/5: 6.)

——. Recommendation that few, if any, changes be made in revenue act. (*Same* 1864/5: 5.)

1867. Comments on rate of taxation. (Bienn. rept. *same* 1865/7: 10-12.)

——. Comments on revenue law and equalization of taxes. (*Same* 1865/7: 5-6.)

——. Recommendation that tax levied for support of general fund be reduced from 30¾c. to 20¾c. on each hundred dollars. (*Same* 1865/7: 10-11.)

1868. Senator Shaw's revenue law for Cal. published by direction of Sen. 73 pp. (App. to jols. 17 sess. v. 2 [doc. 49].)

1869. Revision of revenue laws to insure equality and uniformity of taxation suggested. (Rept. atty. gen. 1868/9: 8.)

——. Recommendation that tax levied for support of general fund be increased to 25½c. for twenty-second and twenty-third revenue yrs. (Bienn. rept. state controller 1867/9: 11.)

1870. Rept. [of majority and minority] of ways and means committee re. Assem. bill 241 suppl. to act, resp. taxation of encumbered real estate, amendatory of act to provide revenue for support of govt. of state, approved Mch. 30, 1861. 2 ll. (App. to jols. 18 sess. v. 3 doc. [64].)

——. Rept. of ways and means committee re. fixing rate of taxation for state purposes, for twenty-second and twenty-third fiscal yrs. 4 pp. (*Same* 18 sess. v. 3 doc. [69].)

1871-1873. Comments on revenue and taxation and table showing valuations of property. (Bienn. rept. state controller 1871/3: 14-19.)

1871-1875. Comparative table showing total value of state and co. tax upon each one hundred dollars value of property as equalized for taxation. (Bienn. rept. equalization bd. 1874/5: 94-95.)

1871-1896 [1893]. State and co. rates of taxation. 60 pp. (Controller's office.)

Not seen; entry from Bowker.

1871/2. Table showing co. debts of several cos. in in 1872, and total rate of tax for state and co. purposes in each co. 1871-1872. (A.R. equalization bd. 1872/3: 12-13.)

1873. Comments on rate of taxation, also recommendation that ad valorem tax for state capitol, military, and insane asylum fund be discontinued and apprns. for specific amt., for these purposes, be made from general fund. (Bienn. rept. state controller 1871/3: 20-21.)

1873. Suggestion that legisl. pass law that all taxes paid under protest should be paid over by tax collectors to co. treasurers, in same manner as other taxes and that taxpayers desiring to test legality of taxes so paid should be denied an action agst. tax collector to recover such taxes, but be allowed an action agst. co. and state. (A.R. equalization bd. 1872/3: 18.)

——. Comments on putting revenue parts of codes into effect. (*Same* 1872/3: 6.)

——. Rate of state tax; comments. (*Same* 1872/3:14.)

1875. Comments on rate of taxation, with stmt. showing deficiencies for three fiscal yrs. and other claims agst. state, provided for by legisl. of 1875/6. (Bienn. rept. state controller 1875/6: 17-18.)

1875-1881. Comparative table showing amt. of tax for state purposes, on personal property, levied, collected, and delinquent in city and co. of S F., June 30, 1882, for yrs. 1875 to 1881, incl. (*Same* 1880/2: 20.)

1877. Comments on rate of state tax. (Bienn. rept. equalization bd. 1875/7: 3-5.)

——. Important questions to be considered in amending constitution; equalizing burdens of taxation and properly guarding and restricting corporations. (Rept. atty. gen. 1876/7: 4.)

——. Recommendation that in those cos. where auditors, assessors, collectors, and treasurers receive fees instead of salaries, their cos. pay them for all services rendered state in reference to state taxes, amt. they now receive from state for such services; in such cases state would pay nothing back to cos. for aforesaid services, nor collect so much from said cos. ann. (Bienn. rept. state controller 1875/7: 14.)

1879. Comments on collection of revenue; recommendation re. necessity and reason for abolishing compensation to co. officers for auditing, assessing, collecting, and disbursing state taxes or other state moneys, save in case of co. treasurers, who should be allowed their mileage for bringing state money to state treasury. (*Same* 1877/9: 11-12.)

1879-1882. Stmt. giving rate of state tax 1878. (Bienn. rept. equalization bd. 1878/9 (pp. 3-4)—*same* 1882.)

1880. Recommendation to revise whole of so much of political code as relates to revenue. (A.R. *same* 1880: 40.)

——. Repts. of jt. committee on revenue and taxation. (Sen. jol. 23 sess. pp. 250-256; Assem. jol pp. 296-302.)

——. Comments on real estate. (A.R. equalization bd. 1880: 30-31.)

——. Recommendation for repeal of secs. 443 and 3719, political code. (*Same* 1880: 38.)

1880-1881. Stmt. showing amts. to be raised and rate of state taxes. (*Same* 1880 (p. 44)—*same* 1881.)

1882. Recommendation that sec. 3713, political code, when re-enacted at each sess. of legisl. should provide that when less than five mills are produced, they shall be counted as five mills, and when over five mills they shall be counted as one cent. (*Same* 1881/2: 4.)

——. Stmt. showing amts. to be raised and date of state taxes, for yr. endg. June 30, 1883; levied in 1882. (*Same* 1881/2: 40.)

1883. Table showing amts. to be raised and rate of state tax. (*Same* 1883/4: 23.)

1884. Same. (*Same* 1883/4: 36.)

——. See also Agriculture. Crops. Fruit; this date.

TAXATION: STATE—cont'd

non-serial—cont'd

1884-1886. Recommendation that sec. 3654 of political code be repealed. (A.R. equalization bd. 1883/4 (p. 19)—*same* 1885/6.)

——. Request for legisl. to provide some means for information re. revenue service. (*Same* 1883/4 (pp. 19-20)—*same* 1885/6.)

1885/6-1904. Table showing amt. of property upon which state rate of taxation was based and said rate. (*Same* 1885/6 (p. 20)—*same* 1903/4.)

1886. Comment on rules for revenue officers. (*Same* 1885/6: 9-10.)

——. Comments on bonds and money. (*Same* 1885/6: 5-6.)

——. See also Agriculture. Crops. Fruit; this date.

1887. Table showing net sum subject to increase, percentage added, estimated by bd. (Bienn. rept. equalization bd. 1887/8: 11.)

1888. Same; subject to decrease, percentage decreased estimated by bd. (*Same* 1887/8: 11.)

1890/2. Recommendation that law be repealed providing that tax collectors of various cos. shall receive for collecting state and co. taxes, 6% for first $10,000, 4% on all over $10,000 and under $20,000, and 2% on all over $20,000; when act was passed these percentages went directly to tax collector as his fees, but since abolition of fee system, this money goes into co. treasuries. (A.R state treasurer 1890/2: 3.)

1891. In reference to certain duties of auditors and tax collectors, Sept. 7; opinion 137 atty. gen. (Hart). 3 pp.

Not seen; entry from Bowker.

1892. Suggestion that sec. 3773 of political code be so amended as to require tax collector, upon conclusion of his tax sale, to rept. to controller each sale in which state is purchaser. (Bienn. rept. state controller 1890/2: 33.)

——. Recommendation for repeal of laws granting comns. on ad valorem taxes, with exception of secs. 3829 and 3876 of political code, allowing assessor comns. for collection of personal property taxes and treasurer's mileage. (*Same* 1890/2: 35.)

1892-1894. Comments on payment of taxes in semi-ann. installments. (*Same* 1890/2 (p. 32)—*same* 1892/4.)

1893. Rept. showing condition of finances re. 50-cent limit of taxation and amt. of apprns. passed and pending. (Sen. jol. 30 sess. pp. 749-750.)

1895. Petition for change in time of collecting taxes. (*Same* 31 sess. p. 477.)

1896. Comments on revenue laws. (Bienn. rept. state controller 1894/6: 25-28.)

1900. Comments on comns. to co. officers for collecting state's portion of taxes. (*Same* 1898/00: 28-29.)

1901. Rept. of special committee on taxation and revenue. (Sen. jol. 34 sess. pp. 259-262.)

Assessment, Equalization, and Valuation

serial

A

1890-1904. Values of property in and indebtedness of each co.; ann. bdsides.

This series of tables is similar in scope to the valuation tables issued by the bd. of equalization, 1872-1879 et seq.; see below, non-serial group. The headings of the tables are given here in order that a comparison may be made with the tables referred to.

1890.
Value of real estate and of improvements; value of personal property and amt. of money; total value of property as returned by auditors; value of r.rs. assessed by state bd. of equalization; total state and co. rate of taxation on each $100.

1891-1894.
As above, with addition of funded debt, floating debt.

TAXATION: STATE—cont'd

Assessment, Equalization, and Valuation—cont'd

serial—cont'd

A—cont'd

1895-1896.
As above, with addition of original assessed value of mortgages. In 1896 a distinction was first made between money and solvent credits.

1897-1904.
As above, omitting "original assessed value of mortgages," and adding "total value of mortgages, trust deeds and other debt obligations assessed, incl. university mortgages, etc." and "assessed value of mortgages held by state institutions.

In Documents as follows:

1890-1891 omitted.
1892 in Bienn. rept. state controller 1892/4: 142-144.
1893 " " " " 1892/4: 145-147.
1894 " " " " 1892/4: 148-150.
1895 " " " " 1894/6: 152-154.
1896 " " " " 1894/6: 155-157.
1897 " " " " 1896/8: 138-139.
1898 " " " " 1896/8: 140-141.
1899 " " " " 1898/00: 146-147.
1900 " " " " 1898/00: 148-149.
1901 " " " " 1900/2: 136-137.
1902 " " " " 1900/2: 138-139.
1903 " " " " 1902/4: 150-151.
1904 " " " " 1902/4: 152-153.

B

1881-1904. Exhibits showing the assessed value of property and the indebtedness of the cos. of the state.

In his rept. covering the fiscal years ending 1882 (pp. 42-43), controller Kenfield describes the inception of this series. In addition to material indicated in title as shown above, these exhibits contain a tabular stmt. of description and value of the public buildings in each co.

Checklist

1881. Cal. assessed value of property and an exhibit of the financial condition of the state, counties and principal cities. 78 pp.

No more of these exhibits were issued separately. In Documents as follows:

1882 in Bienn. rept. controller 1880/2: 128-192.
1884 omitted.
1886 in Bienn. rept. controller 1884/6: 134-186.
1888 " " " " 1886/8: 146-198.
1890 " " " " 1888/90: 132-190.
1892 " " " " 1890/2: 144-186.
1894 " " " " 1892/4: 152-188.
1896 " " " " 1894/6: 160-198.
1898 " " " " 1896/8: 144-181.
1900 " " " " 1898/00: 152-184.
1902 " " " " 1900/2: 144-177.
1904 " " " " 1902/4: 156-188.

C

1871-1904. Values of property and amts. charged to collectors.

Checklist

1871-1898 not issued separately.
1899 broadside.
1900-1904 not issued separately.

In Documents as follows:

1871 in Bienn. rept. controller 1871/3: 170-171.
1872 " " " " 1871/3: 172-173.
1873/4 " " " " 1873/5: 128-129.
1874/5 " " " " 1873/5: 130-131.
1875/6 " " " " 1875/7: 102-103.
1876/7 " " " " 1875/7: 104-105.
1877/8 " " " " 1877/9: 82-83.
1878/9 " " " " 1877/9: 84-85.
1880 " " " " 1879/80: 54-55.
1881 " " " " 1880/2: 102-103.
1882 " " " " 1882/4: 100-101.
1883 " " " " 1882/4: 102-103.
1884 " " " " 1884/6: 112-113.
1885 " " " " 1884/6: 114-115.
1886 " " " " 1886/8: 118-119.
1887 " " " " 1886/8: 120-121.
1888 " " " " 1888/90: 110-111.
1889 " " " " 1888/90: 112-113.
1890 " " " " 1890/2: 114-115.
1891 " " " " 1890/2: 116-117.
1892 " " " " 1892/4: 116-117.
1893 " " " " 1892/4: 118-119.
1894 " " " " 1894/6: 122-123.
1895 " " " " 1894/6: 124-125.
1896 " " " " 1894/6: 126-127.
1897 " " " " 1896/8: 118-119.
1898 " " " " 1896/8: 120-121.

TAXATION: STATE—cont'd
Assessment, Equalization, and Valuation—cont'd
serial—cont'd
C—cont'd
Checklist—cont'd
1899 in Bienn. rept. controller 1898/00 : 132-133.
1900 " " " " 1898/00 : 134-135.
1901 " " " " 1900/2 folding table.
1902 in Bienn. rept. controller 1900/2 folding table.
1903 in Bienn. rept. controller 1902/4 folding table.
1904 in Bienn. rept. controller 1902/4 folding table.
D
1855-1881/2. Statistical tables compiled from repts. of co. assessors.
These tables are summaries compiled from the reports noted below under individual counties.
In Documents as follows:
1855 in A.R. surveyor-general [1855] : 50-59.
1856 " " " " 1856 : 28-38.
1857 " " " " 1857 : [21]-28.
1858 " " " " 1858 : 30-34.
1859 " " " " 1859 : [29]-33.
1860 " " " " 1860 : [29]-33.
1861 " " " " 1861 : [15]-[17].
1862 " " " " 1862 : 52-85.
1863 " " " " 1863 : [75]-107.
1864 " " " " 1864 : [29]-61.*
1865 " " " " 1865 : [117]-149.*
1866 " Rept. surveyor-general 1865/7 : [69]-93.
1867 " " " " 1867/9 : [15]-40.
1868 " " " " 1867/9 : [51]-75.
1869/70 " " " 1869/71 : [11]-35.
1870/1 " " " 1869/71 : [65]-91.
1872 in Bienn. rept. surveyor-general 1871/3 : [25]-51.
1873 " " " " " 1871/3 : [53]-96.
1873 " " " " " 1873/5 : [25]-47.
1874 " " " " " 1873/5 : [49]-71.
1875-1876 in Bienn. rept. surveyor-general 1875/7 : [19]-63.
1878-1879 in Bienn. rept. surveyor-general 1877/9 : [7]-51.
1879-1880 in Rept. surveyor-general 1879/80 : [55]-77.
1880/1-1881/2 in Rept. surveyor-general 1880/2 : [57]-88.
1866-1879. Same. (Trans. state agric. socy. 1866/7 (pp. 548-571)—*same* 1879.)
non-serial
1850-1857. Stmt. showing general abstract of assessments of real and personal property from organization of state govt. (A.R. state comptroller 1853/4 (pp. 18-19)—*same* 1856/7.)
1850-1859. Same; general abstract of assessments of real and personal property. (Assem. jol. 11 sess. pp. 76-77; Sen. jol. pp. 72-73.)
1850-1863. Comparative stmt. showing ann. assessments of real and personal property from organization of state govt. (A.R. state controller 1859/60 (pp. 20-21)—*same* 1862/3.)
1850-1871. Stmt. showing ann. assessments of real and personal property from organization of state govt. (*Same* 1864/5 (p. 49)—bienn. rept. *same* 1869/71.)
1850-1873. Stmt. of value of real and personal property, and rate of taxation on each one hundred dollars, since organization of state govt. (Bienn. rept. *same* 1871/3: 184.)
1850-1898. Table showing valuation of property in Cal. and rate of taxation on each $100 from organization of state govt. (Cal. blue book or state roster 1895 (p. 279)—*same* 1899.)
1850-1904. Comparative stmt. giving valuation of real and personal property, and rate of taxation on each one hundred dollars, from organization of state govt. (Bienn. rept. state controller 1877/9 (p. 108)—*same* 1902/4.)
——. Table showing total assessed value of property and rates of state taxation for series of yrs. (A.R. equalization bd. 1885/6 (p. 50)—bienn. rept. *same* 1903/4.)

* 1864 and 1865 are bound together.

TAXATION: STATE—cont'd
Assessment, Equalization, and Valuation—cont'd
non-serial—cont'd
1851. Continuance of present rate of taxation on realty and personalty urged; do. reduction in capitation tax. (Govs. ann. mess. 1851.)
1852. Rept. re. defects in existing system of assessing and collecting revenue, as cause of unsatisfactory financial condition of state; reviewing provisions of bill proposed as remedy for same. (Assem. jol. 1852: 326-330.)
1854. Govs. mess. re. cost of assessment and collection of co. revenues, with stmt. of same. (Sen. jol. 1855: 648-650.)
1854-1871. Abstract of property of all kinds assessed, and amt. of state tax due thereon. (A.R. state comptroller 1853/4 (pp. 16-17)—bienn. rept. *same* 1869/71.)
1856. Opinion as to duty of assessor under revenue law to assess mortgaged property and amt. loaned on same. (A.R. atty. gen. 1856: 6-7.)
1857. Abstr. of taxable property in cos. of state, as shown by returns for 1857, as exhibited by repts. of co. auditors to state controller, and repts. of assessors and co. surveyors to surveyor gen.; aggregates by cos. (Sen. jol. 9 sess. p. 42; Assem. jol. p. 59.)
——. Abstr. of taxable property returned by co. assessors and surveyors; aggregates of agric. products, livestock, improvements, etc. (A.R. surveyor gen. 1857: 23-25.)
1858. Rept. on that portion of govs. inaugural address re. equalization of taxation. (Assem. jol. 9 sess. pp. 386-388.)
1862-1863. Recommendation that "act to provide revenue for support of govt." approved May 17, 1861, be so amended as to require co. assessors to commence assessment of real and personal property, for state and co. purposes on first Monday in Jan. instead of first Monday in Mch. and that assessment be completed first Monday in Aug.; that other provisions of said law, for collection of taxes be so amended as to make first Monday in Oct. last day upon which taxes upon real and personal property could be paid without costs or percentages. (A.R. state controller 1861/2 (p. 5)—*same* 1862/3.)
1862-1864. Stmt. of assessable property of state for last three yrs., by cos. (1 bienn. rept. supt. public instruction 1864/5: 233.)
1867. Comments on revenue law and equalization of taxes. (Bienn. rept. state controller 1865/7: 5-6.)
——. Suggestion re. creating state bd. of equalization and radical change in manner of levying taxes. (*Same* 1865/7: 5-6.)
1869. Recommendation that state constitution be so amended as to provide for filling office of assessor by apptmt., for term of four yrs., making assessor ex-officio collector of poll taxes and state and co. licenses. (*Same* 1867/9: 11.)
1870. Memorial of bd. of supervisors of Fresno Co. praying that since real estate is with difficulty properly assessed on acct. of uncertainty regarding no. and so. boundaries of co., that they be established along specified lines. 4 pp. (App. to jols. 18 sess. v. 3 doc. [27].)
1870-1873. Table showing total assessed value of all property in several cos. of state, by cos.; aggregates for each yr. (A.R. equalization bd. 1872/3: 10-11.)
1871. Continuance of state bd. of equalization recommended. (Rept. atty. gen. 1870/1: 5.)
1872-1873. Table showing, by cos., aggregate value of all real estate and all personal property. (A.R. equalization bd. 1872/3: 30-31.)

TAXATION: STATE—cont'd
Assessment, Equalization, and Valuation—cont'd
non-serial—cont'd
1872-1875. Comparative table showing solvent debts assessed in several cos. for series of yrs. (Bienn. rept. *same* 1874/5: 96-97.)
1872-1879. Stmt. of assessments from and including 1872; no. of acres of land assessed; assessed value of real estate; of improvements on real estate; of personal property other than money and exclusive of mortgages, solvent debts., etc.; amt. of money assessed; total assessed value of property, exclusive of mortgages, solvent debts, etc. (*Same* 1878/9: 6-7.)
——. Table showing no. of acres of land assessed in each co., exclusive of city and town lots, and average value per acre, exclusive of improvements thereon in 1872/3. (A.R. *same* 1872/3 (pp. 26-27) —bienn. rept. *same* 1878/9.)
——. Same; total value of real estate; do. of personal property; do. of all property. (*Same* 1872/3 (pp. 80-82)—*same* 1879.)
Continued; see below, 1880-1904.
1872-1880. Comments on full cash value and table showing assessed values; definition of term "full cash value." (*Same* 1880: 34-37.)
——. Table showing aggregate value of all city and town lots in several cos. (*Same* 1872/3 (pp. 28-29) —*same* 1880.)
Last table also shows % of value subject to mortgages and trust deeds. Continued; see below, 1880-1904.
1872-1904. Same; kinds of personal property and assessed value of each kind in several cos. (*Same* 1872/3 (pp. 32-49)—bienn. rept. *same* 1903/4.)
——. Same; no. of acres of land, by cos., value of real estate, value of improvements on real estate, value of personal property, exclusive of money; amt. of money; total value of all property. (*Same* 1871/3 (pp. 76-77)—*same* 1904.)
Tables for 1872 and 1873 are also to be found in controller's rept. for 1871/3: 164-167. Beginning in 1880 "Value of r.rs. assessed by state bd. of equalization" is added. Beginning in 1886 distinction is made between money and solvent debts.
1873. Comments on rules and regulations for assessors, etc. (*Same* 1872/3: 6-8.)
1874. Minority rept. on act concerning assessment of migratory bands of stock. (Assem. jol. 20 sess. pp. 510-511.)
1874/5. Comparative table showing assessed and equalized values from assessors' and auditors' repts. (Bienn. rept. equalization bd. 1874/5: 92-93.)
1875. Table showing assessed values of mining claims and improvements thereon, telegraph lines, r.rs., mining ditches, irrigating ditches, and possessory claims. (*Same* 1874/5: 84-87.)
1877. Recommendation that sec. 3617, political code, as enacted at sess. of 1875/6, be repealed and that sec. 3617 of said code, as amended Mch. 30, 1874, be reenacted; also that sec. 3897 of political code be so amended as to allow state bd. of equalization to order sale by co. treasurer of state's interest in any property purchased for delinquent taxes without being compelled to bring suit for possession of such property. (*Same* 1875/7: 6.)
——. Comments on assessment of growing crops. (*Same* 1875/7: 5-6.)
——. Comments on assessments of money in several cos. of state and comparisons of same. (*Same* 1875/7: 6-9.)
——. Comments on inequalities in assessments of property other than money. (*Same* 1875/7: 9-10.)
——. Comments on co. assessors and auditors; recommendation that law be so amended that 33⅓% of fees or salaries of assessors and auditors shall be withheld from them until they produce receipt from bd. showing that they have complied with law in making their stmts. (*Same* 1875/7: 5.)
1878. Rept. of committee apptd. to inquire into facts re. alleged under-valuation of property in Kern Co., Cal. 15 pp. (App. to jols. 22 sess. v. 4 [doc. 46].)
——. Res. of Cambria Grange no. 25, P. of H., re. regulating assessments in Cal. 2 ll. (*Same* 22 sess. v. 4 [doc. 51].)
1879. Comments on inequality of assessments. (Bienn. rept. equalization bd. 1878/9: 5.)
——. Taxation and equalization under new constitution; suggested amdmt. to law re. disposition of lands recd. by state for unpaid taxes. (Rept. atty. gen. 1878/9: 5-6.)
——. Comments on rule for assessing property. (Bienn. rept. equalization bd. 1878/9: 4-5.)
1879-1880. Comments on amt. of money assessed; also stmt. giving amt. of money in various banks Jan. 1, 1879 and 1880. (A.R. *same* 1880: 31-32.)
——. Stmt. showing increase in several cos. in assessment in 1880 as compared with assessment in 1879 of several classes of property exclusive of r.r. property assessed by bd. (*Same* 1880: 64-65.)
1880. Comments on personal property and table of assessed value of personal property, other than money, and exclusive of mortgages, solvent debts, etc. (*Same* 1880: 28-30.)
——. Recommendation for legisl. to provide more stringent and corrective penalty for refusal to give stmts. to assessors. (*Same* 1880: 37-38.)
——. Stmt. showing total increase of assessment of property in 1880 over 1879 and in what classes of property increase occurs. (*Same* 1880: 66-67.)
——. Same; no. of tracts of land held and assessed in state, total no. of acres in each class, and average value per acre. (*Same* 1880: 68-73.)
——. Same; assessed value of franchises and shares of capital stock reported by assessors. (*Same* 1880: 53.)
——. Same; from assessors' July stmts. amts. of solvent credits assessable, amt. of debts due bona fide residents deducted therefrom and amt. of net solvent credits actually assessed. (*Same* 1880: 52.)
——. Recommendation that statistics of state be collected every five yrs.; that assessors should have deputy especially charged with duty; also that sec. 3728 be amended so as to require auditor to make such stmts. concerning assessment book as bd. may require; that law be so amended that 33⅓% of fees and salaries of assessors and auditors shall be withheld from them until they produce receipt from bd. showing that they have complied with law in making stmts. (*Same* 1880: 39.)
——. Writs of prohibition; parties to whom issued and action taken in case of Wells, Fargo & Co.; text of opinion of Supreme Court and concurring and dissenting opinions. (Bienn. rept. *same* 1880: 11-25.)
——. Can the bd. equalize when sitting at Sacramento? comments. (A.R. *same* 1880: 25-27.)
——. Comments on effort to equalize and table showing percentage which it was proposed should be added to assessed value of real estate other than city and town lots, and of sheep. (Bienn. rept. *same* 1880: 10-11.)
——. Table showing average assessed value of land in classes named, per acre, in some of cos. of state, and which may be taken as fair example of how same classes were assessed in other cos. (A.R. *same* 1880: 33.)

TAXATION: STATE—cont'd

Assessment, Equalization, and Valuation—cont'd

non-serial—cont'd

1880. Comments on why income of entire assessment was not made in certain cos. (*Same* 1880: 27.)

——. Suggestion for quadrennial assessment of real estate. (*Same* 1880: 40-41.)

——. Recommendation for amdmt. of constitution so as to confine assessment of securities to those which affect land only. (*Same* 1880: 38-39.)

1880-1881. Stmt. showing total decrease in each class of property of assessment of 1881 below assessment of 1880. (*Same* 1881/2: 58-59.)

1880-1882. Table giving relative assessments of same classes of property: property assessed in 1880, and not assessed in 1882/3, being excluded in value of 1880. (*Same* 1883/4: 5.)

——. Summarized stmt. of repts. of auditors of several cos. showing total value of all property upon which state tax was levied. (*Same* 1880 (p. 44)—*same* 1882.)

1880-1890. Table showing no. of acres of land that have been added to assessment roll since 1880. (Bienn. rept. *same* 1889/90: 8.)

——. Same; assessment of purely personal property, exclusive of money and solvent credits, real estate and improvements and per cent of personal property to sum total of valuation of such property. (*Same* 1889/90: 81.)

1880-1896. Stmt. giving reassessment and total taxes on reassessment. (Bienn. rept. state controller 1892/4 (p. 111)—*same* 1896.)

1880-1900. Comparative stmt. showing assessed valuation (exclusive of r.rs.) and population of cos., for 1880, 1890, 1900. (*Same* 1898/00 foldg. table.)

1880-1904. Value of real estate other than city and town lots; value of improvements thereon; value of city and town lots; value of improvements thereon; value of improvements on real estate assessed to persons other than owners. (A.R. equalization bd. 1880 (pp. 60-61)—*same* 1904.)

The table showing value of improvements assessed to other than owners is dropped after 1884. Before 1880 and from 1872, this table was divided for real estate other than city and town lots and for city and town lots resp.; see above, 1872-1879 and 1872-1880.

1881. Stmt. showing names of cos. whose assessment of property was increased by bd., percentage of increase, increase estimated by bd., and actual increase of assessment after excluding increase on money. (*Same* 1881/2: 25.)

——. Summarized stmt. of repts. of auditors of several cos. of total value of all property in state by classes, including assessments of r.rs. by bd., increase of values by percentage added by bd. and final sum upon which state rate of taxation was fixed for 1881. (*Same* 1881/2: 24.)

——. Same; showing total value of property before increase by bd. (*Same* 1881/2: 24.)

——. Stmt. giving increase and decrease of assessments of land and improvements resp. and total increase and decrease of same, in assessment of 1881 in respect to that of 1880. (*Same* 1881/2: 54-55.)

——. Same; of personal property and money, and total increase and decrease of all property in 1881, in respect to assessment of 1880. (*Same* 1881/2: 56-57.)

——. Stmt. showing values of real estate and improvements, personal property, money and rwys. assessed by bd. of equalization and total value of all property assessed by assessors before increase by bd. (*Same* 1881/2: 32-33.)

——. Stmt. of values of several classes of property in cos. of state after percentage of increase had been added by auditors. (*Same* 1881/2: 28-29.)

TAXATION: STATE—cont'd

Assessment, Equalization, and Valuation—cont'd

non-serial—cont'd

1881-1882. Stmt. showing no. of acres of land assessed in 1881 and 1882, and average value for 1882, and no. of acres increased and cultivated. (*Same* 1881/2: 52-53.)

1882. Same; increase of assessment of 1882 over, and decrease of assessment below, that of 1881, as made by assesors. (*Same* 1881/2: 60-63.)

——. Comments on increase of assessments by bd. (*Same* 1881/2: 6-11.)

——. Comment on comparison of assessments. (*Same* 1881/2: 4-6.)

——. Summary of increase and decrease of each class of property assessed in 1882, resp., over and below assessment of 1881. (*Same* 1881/2: 64.)

1883. Table showing amt. of taxable property of state upon which rate of taxation was based. (*Same* 1883/4: 23.)

——. Same; names of cos. whose assessments was increased by bd., percentage of increase, and amt. of increase thereby. (*Same* 1883/4: 24.)

——. Table giving assessment of assessors, exclusive of money, as returned by auditors of cos., assessment of which was increased by bd. (*Same* 1883/4: 24.)

——. Stmt. showing amt. of property upon which state rate of taxation was based for 1884. (*Same* 1883/4: 36.)

1884. Comments on comparison of values; full cash value. (*Same* 1883/4: 10-15.)

——. Stmt. showing, after increase added by bd., values of real estate and improvements. (*Same* 1883/4: 38-39.)

——. Same; value of property before increase by bd., as reported by auditors, in cos. increased in 1880; also showing total value of property raised by bd., percentage of increase, and sum thereby added in 1884. (*Same* 1883/4: 37.)

1884-1886. Suggestion that legisl. either omit statistics, or pay assessor for doing definite work required, or provide penalty for not reporting accurately. (*Same* 1883/4 (p. 18)—*same* 1885/6.)

1885. Table showing net sum subject to increase, percentage of increase, amt. added, and total assessment, exclusive of r.rs. (*Same* 1885/6: 21.)

——. Same; values of property with increase by bd. apportioned to several classes. (*Same* 1885/6: 21.)

1885/6. Same; valuations by assessors for 1885/6 and difference in those yrs. and percentage of increase or decrease. (*Same* 1885/6: 46-47.)

1886. Comments on effects of equalization. (*Same* 1885/6: 6-7.)

——. Comments on inequality of assessment of merchandise. (*Same* 1885/6: 5.)

——. Comments on equalization. (*Same* 1885/6: 4-5.)

——. Comments on maps, also recommendation for amdmt. of code so as to direct assessor to procure maps, and that claim for cost of same should be paid out of co. treasury. (*Same* 1885/6: 13.)

——. Table showing value of all property upon which tax was levied. (*Same* 1885/6: 34-35.)

1887-1889. Same: values after equalization by bd. in 1887. (Bienn. rept. *same* 1887/8 (p. 17)—*same* 1889/90.)

1888. Amdmt. of code of civil procedure so as to provide that appraisers shall take an oath to appraise property at its full cash value. (*Same* 1887/8: 3-4.)

——. Table showing values as returned by assessors before equalization, 1888. (*Same* 1887/8: 31.)

TAXATION: STATE—cont'd

Assessment, Equalization, and Valuation—cont'd

non-serial—cont'd

1888. Comments on compared assessments and suggestion that law be passed compelling owners of personal property to take an inventory of property on first Monday in Mch. and make affidavit both as to amt. and to value. (*Same* 1887/8: 5-6.)

1889/90. Table showing assessments by assessors and amt. of reduction and addition by bd. (*Same* 1889/90: 13.)

1890. Comments on growing crops; recommendation that act in question be repealed and original sec. be re-enacted for sake of certainty; also amdmt. to constitution exempting fruit trees and wines from assessment for five yrs. from first planting. (*Same* 1889/90: 3-5.)

——. Comments on statistics; recommendations that legisl. make provision for payment of additional deputies required to perform work of bd. and to fix penalty upon assessor for failing to rept. upon matters required by bd. (*Same* 1889/90: 9-10.)

1891-1892. Table showing assessments by assessors and amt. of additions by bd. (*Same* 1891/2 (p. 8) —*same* 1891/2.)

1892. As to the power of bds. of supervisors and state bd. of equalization to provide for the apptmt. of deputy assessors. 4 pp.
Not seen; entry from Bowker.

——. Calling attention of supervisors to their duty in matter of collecting statistics by assessors; at present there is great laxity in this respect in most cos. (A.R. bd. hortic. 1892: 3-4.)

——. Recommendation that law be enacted providing for cancellation of sales in duplicate assessments. (Bienn. rept. state controller 1890/2: 33.)

1893. Rept. of Sen. corporations committee re. Assem. bill 10, act in relation to reassessment of property, and equalization of same, in cases where former assessment is invalid or void, and in relation to collection of taxes on said reassessment; recommending passage of a substitute bill. 8 pp. (App. to jols. 30 sess. v. 8 doc. [4].)
Majority report only.

——. Same; majority and minority. (Sen. jol. 30 sess. pp. 461-464; 547-550.)

1894-1896. Table showing assessed value returned by auditors, and amt. of addition and reduction by bd. (Bienn. rept. equalization bd. 1893/4 (p. 12)—*same* 1895/6.)

1895-1897. Same; assessed value returned by auditors, and amt. of reduction by bd. (*Same* 1894/5 (p. 6) —*same* 1897/8.)

1902. Stmt. showing population, assessed valuation, rate of taxation, and bonded indebtedness of several incorporated cities and towns of state. (Bienn. rept. state controller 1900/2: 140-141.)

——. Map of equalization districts of state. (Blue book 1903.)

1903. Table showing assessed value returned by auditors and amt. of increase by bd. (Bienn. rept. equalization bd. 1903/4: 5.)

——. Same; assessed valuation of property, both personal and real, in each co. (11 bienn. rept. labor statistics 1902/4: 110-111.)

1904. Comments on value of property, and products of Cal. (11 *same* 1902/4: 110-116.)

ALAMEDA COUNTY

The duty of collecting these statistics was imposed by law upon co. assessors, but there being no reward for compliance and no penalty for neglect, the act gradually became inoperative. Under an act of March 10, 1866, 25% of the pay of the assessors was retained until the reports required by law were furnished.

These reports have been entered under "Taxation" although they are so general in character, for the purpose of fixing the record of the returns. References have been made from various topics discussed in the repts. and relating to subjects in other parts of this volume. These repts. were summarized and published as tables in the surveyor general's repts. from 1855-1882; see above, Taxation: State assessment, etc., serial D.

serial

1853/4-1868. Ann. rept. of co. assessor.
In Documents as follows:
1853/4 in Ann. rept. surveyor gen. 1853/4: 62-63.
Acres tilled land, total acres each kind of crop, no. horses, cattle, etc.
1854/5 in Ann. rept. surveyor gen. 1854/5: 261-263.
Acreage and average and aggregate yield of each kind of dairy produce, no. 1, 2, 3, and 4 yr. old fruit trees of each sort, no. horses, cattle, etc., quantity dairy and poultry produce.
1855/6-1866 omitted.
1867 in Bienn. rept. surveyor gen. 1865/7: 97-98.
1868 " " " " " 1867/9: 79-80.
Unequal taxation.

ALPINE COUNTY

serial

1869-1871. Ann. rept. of co. assessor.
In Documents as follows:
1869 in Bienn. rept. surveyor gen. 1869/71: 89.
Livestock, quartz mines, lumber.
1871 in Bienn. rept. surveyor gen. 1869/71: 95.

AMADOR COUNTY

serial

1853/4-1876. Ann. rept. of co. assessor.
In Documents as follows:
1853/4 in Ann. rept. surveyor gen. 1853/4: 63-64.
No. acres agric. land, valuation, no. town lots, valuation, valuation of improvements and personal property, valuation of horses, cattle and stock, value of quartz mining improvements, quartz mines, ann. yield of gold from quartz.
1854/5 in Ann. rept. surveyor gen. 1854/5: 264-268.
Acreage of tilled and tillable land, acreage of agric. crops, no. fruit trees of each sort, no. horses, cattle, etc., saw and grist mills, cost and output; quartz mills, output and proceeds; descr. of each water co. in county; telegraph being constructed.
1855/6-1858 none made.
1859 in Ann. rept. surveyor gen. 1859: 57-61.
Arroyo Seco (Pico) grant; acreage of claimed and fenced lands; no. fruit trees; mills, mnfres.; quartz and placer mining; yield and acreage various agric. crops; no. horses, cattle, etc.; no. and value of various improvements
1860 in Ann. rept. surveyor gen. 1860: 57-60.
Realty; Pico or Rio Seco Grant; yield of various agric. crops; fruit trees and vines; livestock; mills and mnfres.; mines, Badger and Eureka; coal; markets.
1861 in Ann. rept. surveyor gen. 1861: 27-28.
No. each kind fruit trees and vines; livestock; distilleries; tanneries; coal assessment.
1862-1868 none made.
1869 in Bienn. rept. surveyor gen. 1869/71: 40.
Quartz mines; vineyards; preemption.
1870 in Bienn. rept. surveyor gen. 1869/71: 95-96.
Drought; quartz mills shut down; Arroyo Seco grant being settled up.
1871 in Bienn. rept. surveyor gen. 1871/3: 99.
1872 " " " " " 1871/3: 100.
Arroyo Seco Rancho bought by a company; hop culture, quartz and copper mines.
1873-1875 none made.
1876 in Bienn. rept. surveyor gen. 1875/7: 64.

BUTTE COUNTY

serial

1851/2-1872. Ann. rept. of co. assessor.
In Documents as follows:
1851/2 in Ann. rept. surveyor gen. 1852: 54. Tatham.
Total no. horses, cattle, etc.; do. agric. products.
1852/3 none made.
1853/4 in Ann. rept. surveyor gen. 1853/4: 64.
1854/5 " " " " " 1854/5: 268-269.
Acreage and quantity agric. produce, no. horses, cattle, etc., no. saw and flour mills, bridges, fruit and vine growing attracting attention, no. each kind fruit and shade trees; boundary dispute with Yuba Co.
1855/6-1859 none made.

TAXATION: STATE—cont'd

Assessment, Equalization, and Valuation—cont'd

BUTTE COUNTY—cont'd

serial—cont'd

1860 in Ann. rept. surveyor gen. 1860 : 60-61.
Crops; livestock; fruit growing, grape culture and wine making; trade; r.r.; mining; telegraphs; timber.
1861 in Ann. rept. surveyor gen. 1861 : 29-30.
General as before and stmt. of tax of 1861 proportioned in funds.
1862 in Ann. rept. surveyor gen. 1862 : 103-104.
Tobacco; sugar cane; fruit trees; vines; mines; apiaries; general comment.
1863 in Ann. rept. surveyor gen. 1863 : 123-124.
Fruit growing; mercantile business; telegraphs; timber.
1864 in Ann. rept. surveyor gen. 1864 : 66-67.
Crop; fruit culture; business; mines; telegraph; r.r.; timber.
1865 in Ann. rept. surveyor gen. 1864 and 1865 : 154-155.
Agric. crop; r.r.; grape and wine production; bees; roads; schools; telegraph.
1866-1871 none made.
1872 in Bienn. rept. surveyor gen. 1871/3 : 101.

CALAVERAS COUNTY

serial

1860-1871. Ann. rept. of co. assessor.
In Documents as follows:
1860 in Ann. rept. surveyor gen. 1860 : 62-64.
Mines principal source of wealth of co.; fruit trees and vines; copper mines.
1861 in Ann. rept. surveyor gen. 1861 : 30-34.
Agric., horticulture, livestock, mining interests, tellurium assays, copper, ore shipments; timber; mills, bridges, roads, ferries, shops, foundries, etc., no. and value; taxable property of 1859 compared with 1860.
1862 in Ann. rept. surveyor gen. 1862 : 104-105.
Valuation of realty and personalty; copper mines; no. each sort of fruit trees and vines.
1863 in Ann. rept. surveyor gen. 1863 : 124-126.
General remarks on agriculture, mines and mining, fruit trees and vines, taxable property.
1864 none made.
1865 in Ann. rept. surveyor gen. 1864 and 1865 : 154.
1866-1869 none made.
1870 in Bienn. rept. surveyor gen. 1869/71 : 40-42.
Telegraph; breweries; vineyards; placer mines; cement found; quartz mines.
1871 in Bienn. rept. surveyor gen. 1869/71 : 96.

COLUSA COUNTY

serial

1854/5-1871. Ann. rept. of co. assessor.
In Documents as follows:
1854/5 in Ann. rept. surveyor gen. 1854/5 : 269-270.
Acreage of each kind of land; acreage and quantity of agric. produce; no. horses, cattle, etc., timber, mills, fruit trees.
1855/6-1858 none made.
1859 in Ann. rept. surveyor gen. 1859 : 61-62.
Drought of 1857-1858 continued.
1860-1862 none made.
1863 in Ann. rept. surveyor gen. 1863 : 126.
1864 " " " " " 1864 : 65-66.
Timber; mining; irrigation.
1865 in Ann. rept. surveyor gen. 1864 and 1865 : 153-154.
Oil district located; grain, hay and fruit crop.
1866 none made.
1867 in Bienn. rept. surveyor gen. 1865/7 : 98.
1868-1870 none made.
1871 in Bienn. rept. surveyor gen. 1869/71 : 96.
Grain crop light, ⅙ of a crop.

CONTRA COSTA COUNTY

serial

1851/2-1871. Ann. rept. of co. assessor.
In Documents as follows:
1851/2 in Ann. rept. surveyor gen. 1852 : 62.
Estimated no. acres tillable land, grazing land, govt. land; no. horses, cattle, etc.; quantity agric. products.
1852/3 none made.
1853/4 in Ann. rept. surveyor gen. 1853/4 : 64-65.
Acres tilled land, no. horses, cattle, etc.
1854/5-1860 none made.
1861 in Ann. rept. surveyor gen. 1861 : 35-38.
Agric.; yield of agric. produce; fruit trees and vines; livestock, nos. and kinds; coal; roads; taxable property.
1862-1863 none made.
1864 in Ann. rept. surveyor gen. 1864 : 67-68.
Drought causes stock and crop losses; coal.
1865-1869 none made.
1870 in Bienn. rept. surveyor gen. 1869/71 : 42.
1871 " " " " " 1869/71 : 97.

TAXATION: STATE—cont'd

Assessment, Equalization, and Valuation—cont'd

DEL NORTE COUNTY

serial

1862-1869. Ann. rept. of co. assessor.
In Documents as follows:
1862 in Ann. rept. surveyor gen. 1862 : 106.
1863 " " " " " 1863 : 127.
Lumbering; Crescent City harbor; copper mines.
1864 in Ann. rept. surveyor gen. 1864-1865 : 68.
1865 " " " " " 1864-1865 : 159.
1866 none made.
1867 in Bienn. rept. surveyor gen. 1865/7 : 99.
1868 none made.
1869 in Bienn. rept. surveyor gen. 1869/71 : 43.
Lumbering; grain crop destroyed by rains.

EL DORADO COUNTY

serial

1854/5-1871. Ann. rept. of co. assessor.
In Documents as follows:
1854/5 in Ann. rept. surveyor gen. 1854/5 : 271-273.
Acreage and yield agric. produce, no. each kind fruit trees, no. horses, cattle, etc., canal mileage, no. sawmills, quartz mills, placer mines, telegraphs, co. boundaries.
1855/6-1858 none made.
1859 in Ann. rept. surveyor gen. 1859 : 62-65.
Migratory character mining population makes valuation of realty difficult; timber; acreage of land entered for tillage and pasturage; yield of agric. produce and wool; no. of fruit trees and vines; no. horses, cattle, etc.; toll bridges; saw, grist and quartz mills; canals and ditches; mining.
1860 in Ann. rept. surveyor gen. 1860 : 64-65.
Timber; mineral and agric. lands; quartz mining; valuation.
1861 in Ann. rept. surveyor gen. 1861 : 39-41.
Pre-emptions; no. fruit trees and vines; no. miles; mileage of ditches; no. horses, cattle, etc.
1862 in Ann. rept. surveyor gen. 1862 : 106-108.
Acreage various agric crops; no. fruit trees and vines; no. horses, cattle, etc.; no. and value of mills; no. ditches, roads, bridges, etc.; valuation; floods of 1861.
1863-1870 none made.
1871 in Bienn. rept. surveyor gen. 1869/71 : 97.

FRESNO COUNTY

serial

1862-1870. Ann. rept. of co. assessor.
In Documents as follows:
1862 in Ann. rept. surveyor gen. 1862 : 109-112.
Acreage and yield of various agric. crops; no. fruit trees and vines; no. horses, cattle, etc.; no. and value of animals slaughtered, sawmills, mining ditches, ferries; valuation of personalty and realty; swamp and overflowed lands; mining; quartz; quicksilver; timber; telegraphs; bees.
1863-1869 none made.
1870 in Bienn. rept. surveyor gen. 1869/71 : 43.

HUMBOLDT COUNTY

serial

1853/4-1872. Ann. rept. of co. assessor.
In Documents as follows:
1853/4 in Ann. rept. surveyor gen. 1853/4 : 65-66.
Tilled land, where located, timber, soil, fruit, no. horses, cattle, etc., quantity agric. produce.
1854/5-1861 none made.
1862 in Ann. rept. surveyor gen. 1862 : 112-115.
No. assessed polls; timber; no. horses, cattle, etc.; acreage and yield various agric. crops; no. fruit trees and vines; sawmills, no. and output; valuation of realty and personalty.
1863 in Ann. rept. surveyor gen. 1863 : 127-129.
Indian war cause of large emigration and impaired agric. interests; salmon fisheries; coal.
1864-1866 none made.
1867 in Bienn. rept. surveyor gen. 1865/7 : 99.
1868-1871 none made.
1872 in Bienn. rept. surveyor gen. 1871/3 : 101.

INYO COUNTY

serial

1866-1871. Ann. rept. of co. assessor.
In Documents as follows:
1866 in Bienn. rept. surveyor gen. 1865/7 : 100-101.
Tardy population of Inyo Co. due to unjust spirit of quarts speculation and hostile Indians.
1867-1869 none made.
1870 in Bienn. rept. surveyor gen. 1869/71 : 44.
1871 " " " " " 1869/71 : 97.

TAXATION: STATE—cont'd

Assessment, Equalization, and Valuation—cont'd

KLAMATH COUNTY

serial

1866-1869. Ann. rept. of co. assessor.

In Documents as follows:
1866 in Bienn. rept. surveyor gen 1865/7 : 101.
1867-1868 none made.
1869 in Bienn. rept. surveyor gen. 1867/9 : 81.
Quartz mills; lumber; classification of population of co.

LAKE COUNTY

serial

1862-1870. Ann. rept. of co. assessor.

In Documents as follows:
1862 in Ann. rept. surveyor gen. 1862 : 115-116.
Timber; agric. procedure; swamp lands, mineral lands; general comment.
1863 none made.
1864 in Ann. rept. surveyor gen. 1864-1865 : 68-69.
Crops; valuation; horse raising; quicksilver; copper; land grant impedes improvements.
1865 in Ann. rept. surveyor gen. 1864-1865 : 159-160.
Great stock mortality due to severe winter.
1866-1869 none made.
1870 in Bienn. rept. surveyor gen. 1869/71 : 44-45.
Litigation with water co.; quicksilver mines.

LOS ANGELES COUNTY

serial

1853/4-1868. Ann. rept. of co. surveyor.

In Documents as follows:
1853/4 in Ann. rept. surveyor gen. 1853/4 : 66.
Roads; agric. produce; horses, cattle, etc.
1854/5 in Ann. rept. surveyor gen. 1854/5 : 274-275.
No. horses, cattle, etc.; acreage of each kind of land, quantity agric. produce, output of saltworks on San Pedro Rancho, mineral resources.
1855/6-1867 none made.
1868 in Bienn. rept. surveyor gen. 1867/9 : 80-81.
Grapes; wine; silk; water supply and bldg. in city of Los Angeles.

MARIN COUNTY

serial

1854/5-1866. Ann. rept. of co. assessor.

In Documents as follows:
1854/5 in Ann. rept. surveyor gen. 1854/5 : 275-276.
Acreage tilled land; crops; no. horses, cattle, etc., fruit.
1855/6-1863 none made.
1864 in Ann. rept. surveyor gen. 1864 : 71-72.
1865 none made.
1866 in Ann. rept. surveyor gen. 1865/7 : 102.
Co. finances.

MARIPOSA COUNTY

serial

1862-1865. Ann. rept. of co. assessor.

In Documents as follows:
1862 in Ann. rept. surveyor gen. 1862 : 116-118.
Mineral resources; silver ore deposits; no. agric. land; cereals furnished by neighboring cos. cheaper than they can be grown; grape culture; timber; bridges; roads; school districts.
1863 in Ann. rept. surveyor gen. 1863 : 129-130.
Floating debt of co. bonded by act of legisl.; controversy over assessment of La Mariposa estate; roads; school districts.
1864 none made.
1865 in Ann. rept. surveyor gen. 1864-1865 : 160.
Quartz mining; copper.

MENDOCINO COUNTY

serial

1859-1871. Ann. rept. of co. assessor.

In Documents as follows:
1859 in Ann. rept. surveyor gen. 1859 : 65-68.
Roads, highways, etc.; timber and lumbering; amt. of taxable realty, personalty and improvements on public lands and realty, resp.; agric. and yield of various crops; yield dairy produce, wool and eggs; no. each sort of fruit trees and vines; no. horses, cattle, etc.; no. and value animals slaughtered; grist, saw and quartz mills; roads.
1860-1861 none made.
1862 in Ann. rept. surveyor gen. 1862 : 118.
Redwood timber; school land.
1863-1865 none made.
1866 in Bienn. rept. surveyor gen. 1865/7 : 102.
1867-1868 none made.
1869 in Bienn. rept. surveyor gen. 1867/9 : 82.
1870 " " " " " 1869/71 : 45.
1871 " " " " " 1869/71 : 98-99.
Crops, lumbering.

TAXATION: STATE—cont'd

Assessment, Equalization, and Valuation—cont'd

MERCED COUNTY

serial

1864-1872. Ann. rept. of co. assessor.

In Documents as follows:
1864 in Ann. rept. surveyor gen. 1864 : 69-71.
Stanislaus boundary; irrigating canal; tilled land; telegraph only internal improvement.
1865-1869 none made.
1870 in Bienn. rept. surveyor gen. 1869/71 : 46.
1871 " " " " " 1869/71 : 99.
Experiment in cotton growing.
1872 in Bienn. rept. surveyor gen. 1871/3 : 102.
Cotton; Pacific R.R., town of Merced built; burning of woolen mill; ¼ of tillable land under cultivation.

MONTEREY COUNTY

serial

1859-1874/5. Ann. rept. of co. assessor.

In Documents as follows:
1859 in Ann. rept. surveyor gen. 1859 : 68-78.
Acreage and yield various agric. crops; no. each sort fruit tree; yield eggs, butter, cheese; no. of horses, cattle, etc.; mills, ferries; valuation; comment on above items; whale fisheries; telegraphs; artesian wells.
1860 in Ann. rept. surveyor gen. 1860 : 65-71.
Aggregate assessed valuation of realty, personalty, and real improvements; meteorology Oct. 1859-Oct. 1860; farming in Pajaro Valley and Salinas Plains; opening of navigation of Salinas River; pasturage and cattle; contagious disease among horses; sheep; fruit trees and vines; whale fisheries; apiaries; sawmills; wood; lumber; artesian wells; telegraph; ferries and bridges; roads; co. boundaries.
1861-1862 none made.
1863 in Ann. rept. surveyor gen. 1863 : 130-131.
Livestock, matanzas (abattoir) erected; tobacco.
1864 in Ann. rept. surveyor gen. 1864-1865 : 72-73.
Acreage and yield of various agric. crops; no. each kind of fruit trees; no. horses, cattle, etc.; no. and value of cattle slaughtered; general products—dairy, wool, eggs, brandy, etc.; fisheries; ferries, telegraphs, bridges, newspapers; mineral lands.
1865 in Ann. rept. surveyor gen. 1864-1865 : 161-162.
Crops a failure; stock losses from drought; copper; mining in general abandoned; coal.
1866 in Bienn. rept. surveyor gen. 1865/7 : 103-106.
Comparative fertility of Salinas and Pajaro valleys; bees; whale fisheries; Chinese fisheries; mackerel abandon Monterey bay.
1867-1868 none made.
1869 in Bienn. rept. surveyor gen. 1867/9 : 82-85.
1868 best harvest since 1850; crops and lands in general; hop culture begun; growth of cities; telegraph, newspapers and r.r.; table showing aggregate assessed valuation of co. each yr. from 1859 to 1869; mineral springs; whaling.
1870 none made.
1871 in Bienn. rept. surveyor gen. 1869/71 : 100-101.
Flax and hop culture a failure; distilleries; r.r.; valuation.
1872 in Bienn. rept. surveyor gen. 1871/3 : 103-104.
Tobacco; r.r. mileage; growth of town of Salinas; cattle imported from Ky.
1873 none made.
1874/5 in Bienn. rept. surveyor gen. 1873/5 : 88-89.
Southern Pacific R.R. completed to Soledad; coal near Monterey; growth of Monterey as a watering place due to r.r. connection with S. F.; mineral springs near Soledad.

NAPA COUNTY

serial

1850-1871. Ann. rept. of co. assessor.

In Documents as follows:
1850 in Legisl. jol. 1851 : 578-579.
Apprn. for improving navigation of Napa River recommended; state aid for plank road from Napa City 30 mi. no. asked for; agric. products; no. horses, etc.
1851/2 in Ann. rept. surveyor gen. 1852 : 61.
Tillable land, Spanish grants, no. horses, cattle, etc.; quantity agric. products.
1852/3-1853/4 none made.
1854/5 in Ann. rept. surveyor gen. 1853/4 : 276-279.
Acreage various crops sown; yield; rust epidemic; quantity agric. produce; no. each sort of fruit trees; fruit culture; no. horses, cattle, etc.; value of eggs, poultry produced; do. animals slaughtered.
1855/6-1864 none made.
1865 in Ann. rept. surveyor gen. 1864-1865 : 162.
1866-1867 none made.

TAXATION: STATE—cont'd

Assessment, Equalization, and Valuation—cont'd

NAPA COUNTY—cont'd

serial—cont'd

1868 in Bienn. rept. surveyor gen. 1867/9 : 86.
1869 " " " " " 1869/71 : 46.
Poor crops ; mnfg. interests nil.
1870 none made.
1871 in Bienn. rept. surveyor gen. 1869/71 : 101.

NEVADA COUNTY

serial

1854/5-1875. Ann. rept. of co. assessor.
In Documents as follows :
1854/5 in Ann. rept. surveyor gen. 1854/5 : 279-281.
Acreage and valuation of lands claimed by settlers ; acreage of tilled land by crops ; no. horses, cattle, etc. ; no. fruit trees ; no., mileage, and valuation of ditch cos. ; quartz mining, output, cost, valuation, and investments ; saw mills, grist mills, max. and min. temperature.
1855/6-1858 none made.
1859 in Ann. rept. surveyor gen. 1859 : 73-75.
Acreage and yield various agric. crops ; no. fruit trees and vines ; no. horses, cattle, etc. ; ditches ; saw, quartz, and grist mills ; roads ; breweries.
1860-1861 none made.
1862 in Ann. rept. surveyor gen. 1862 : 119-122.
Agric. ; fruit ; quartz mining ; ditches ; saw and grist mills ; roads ; co. debt.
1863-1869 none made.
1870 in Bienn. rept. surveyor gen. 1869/71 : 101-103.
Grape and silk culture, fruits, mining, grazing.
1871-1873 none made.
1874 in Bienn. rept. surveyor gen. 1873/5 : 75-77.
Agric. crops, fruit interest, timber, machine shops, foundries and factories, mining interest promising, minerals, realty improvements.
1875 in Bienn. rept. surveyor gen. 1873/5 : 89-90.
Hydraulic mining on increase ; lumbering prosperous ; fruit crop a failure.

PLACER COUNTY

serial

1854/5-1864. Ann. rept. of co. assessor.
In Documents as follows :
1854/5 in Ann. rept. surveyor gen. 1854/5 : 281-285.
Area, topography, agric. products, no. 1, 2, 3, and 4 yr. old fruit trees of each sort, ranchos and aggregate state and co. tax paid by them ; capital and mileage of each canal co. in state ; saw mills and aggregate state and co. tax paid ; toll roads and bridges ; principal streams ; capital invested in gold mines ; quartz mills.
1855/6-1858 none made.
1859 in Ann. rept. surveyor gen. 1859 : 75-81.
State, school, and seminary lands ; acreage and yield of various agric. crops ; no. and value of horses, cattle, etc. ; wool yield ; no. of fruit trees and vines ; water ditches and canals, mileage, capacity and valuation of each company ; saw mills, location, output and valuation of each mill ; quartz and flour mills, do. ; turnpikes and bridges, valuation of each co.
1860 in Ann. rept. surveyor gen. 1860 : 71-72.
Increase in livestock ; grazing lands ; value of ditch property ; fruit and vine growing ; assessed valuation of realty and personalty and real improvements.
1861 none made.
1862 in Ann. rept. surveyor gen. 1862 : 122-123.
Mining and agric. districts ; roads ; orchards ; flood of 1861 ; assessed valuation.
1863 in Ann. rept. surveyor gen. 1863 : 131.
1864 " " " " 1864 : 79.

PLUMAS COUNTY

serial

1854/5-1865. Ann. rept. of co. assessor.
In Documents as follows :
1854/5 in Ann. rept. surveyor gen. 1854/5 : 285-287.
Lands of various sorts ; quantity of agric. produce ; no. horses, cattle, etc. ; saw, grist, and quartz mills.
1855/6-1858 none made.
1859 in Ann. rept. surveyor gen. 1859 : 82.
1860-1864 none made.
1865 in Ann. rept. surveyor gen. 1865 : 168.
Taxable property ; copper.

SACRAMENTO COUNTY

serial

1854/5. Ann. rept. of co. assessor.
In Documents as follows :
1854/5 in Ann. rept. surveyor gen. 1854/5 : 288-290.
Acreage of grains and vegetables ; no. each sort fruit trees ; no. horses, cattle, etc., do. poultry ; dairy produce ; no. and value canals, bridges, mills, plank roads, etc.

TAXATION: STATE—cont'd

Assessment, Equalization, and Valuation—cont'd

SAN BERNARDINO COUNTY

serial

1853/4-1871. Ann. rept. of co. assessor.
In Documents as follows :
1853/4 in Ann. rept. surveyor gen. 1853/4 : 67-71.
Names of owners and descr. of lands and products of the Rancho San Bernardino, Jarupa Rancho, Rancho del Chino, Rancho de Juapa, Rancho de la Sierra, Rancho del Rincon, Temescal Rancho, Rancho Cucamonga.
1854/5 in Ann. rept. surveyor gen. 1854/5 : 290-296.
As above, and in addition, San Temoteo Rancho and Muscupeabe Rancho, gold mining, the San Gorgonio Pass ; the Mohave River.
The information concerning the individual ranchos is more detailed than in previous yr.
1855/6-1858 none made.
1859 in Ann. rept. surveyor gen. 1859 : 82-83.
Timber, gold and tin.
1860-1868 none made.
1869 in Bienn. rept. surveyor gen. 1867/9 : 86-87.
Mining and lumbering.
1870 in Bienn. rept. surveyor gen. 1869/71 : 62-63.
Tin mines.
1871 in Bienn. rept. surveyor gen. 1869/71 : 104.
New town of Riverside ; So. Cal. Colonization Assn.

SAN DIEGO COUNTY

serial

1854/5-1873. Ann. rept. of co. assessor.
In Documents as follows :
1854/5 in Ann. rept. surveyor gen. 1854/5 : 296-297.
Yield of various grain crops ; no. horses, cattle, etc. ; timber, vineyards.
1855/6-1859 none made.
1860 in Ann. rept. surveyor gen. 1860 : 73-74.
1861-1862 none made.
1863 in Ann. rept. surveyor gen. 1863 : 131-132.
Gold, copper, silver mines.
1864 in Ann. rept. surveyor gen. 1864 : 83.
Fruit culture, depreciation in stock and lands ; wool growing ; schools.
1865 in Ann. rept. surveyor gen. 1864-1865 : 156.
Timber.
1866 none made.
1867 in Bienn. rept. surveyor gen. 1865/7 : 106-107.
Whaling ; roads.
1868 in Bienn. rept. surveyor gen. 1867/9 : 89.
Rapid increase in population ; schools and churches.
1869 in Bienn. rept. surveyor gen. 1869/71 : 60-61.
Unparalleled drought ; quartz mining ; schools ; churches.
1870 none made.
1871 in Bienn. rept. surveyor gen. 1869/71 : 104-105.
1872 " " " " " 1871/3 : 130.
1873 " " " " " 1871/3 : 130.
Mines ; progress of Texas and Pacific R.R.

SAN FRANCISCO CITY

1872. Summary stmt. of all delinquent taxes due on solvent debts, money, real estate, personal property, exclusive of solvent debts and money, and taxes collected, but held under protest in S. F. (A.R. equalization bd. 1872/3: 18.)
1873. Comments on assessments canceled in S. F. (*Same* 1872/3: 19-20.)
——. List of suits brought by delinquent taxpayers in S. F. agst. tax collector. (*Same* 1872/3: 95-98.)
——. Comment on history of tax litigation in S. F. (*Same* 1872/3: 14-17.)
——. Writ of mandate: The People of state, upon relation of J. T. Lane, atty. gen., vs. M. Ashbury, auditor of city and co. of S. F. (*Same* 1872/3: 93-94.)

SAN FRANCISCO COUNTY

serial

1866-1881. Ann. rept. of co. assessor.
In Documents as follows :
1866 in Ann. rept. surveyor gen. 1865/7 : 107-114.
Erection of copper and iron rolling mills ; of linseed oil mill ; and woolen mills ; erection of Potrero dry dock ; classified list of mnfres. showing labor employed and output, with comment.
1867 in Bienn. rept. surveyor gen. 1867/9 : 43-50.
Classified list of mnfres., showing labor, output and in some cases value ; Cal. Dry Dock Co.
1868 in Bienn. rept. surveyor gen. 1867/9 : 91-98.
Classified list of mnfres., and comment on means adopted to secure reliable statistics.

TAXATION: STATE—cont'd

Assessment, Equalization, and Valuation—cont'd

SAN FRANCISCO COUNTY—cont'd

serial—cont'd

1869 in Bienn. rept. surveyor gen. 1869/71 : 47-57.
1870 " " " " " 1869/71 : 105-115.
1871 " " " " " 1871/3 : 104-115.
1872 " " " " " 1871/3 : 116-126.
1873 " " " " " 1873/5 : 77-87.
1874 " " " " " 1873/5 : 90-100.
1875 none made.
1876 in Bienn. rept. surveyor gen. 1875/7 : 65-71.
1877 " " " " " 1877/9 : 52-59.
1878 " " " " " 1877/9 : 59-66.
1879 " " " " " 1879/80 : 78-84.
1880 not found.
1881 in Bienn. rept. surveyor gen. 1880/2 : 89-96.
From 1869 to 1881 these returns are classified tabulations of the mechanical and mnfg. industries of city and co. of S. F.

non-serial

1877. Comments on assessments in S. F. and other cos. (Bienn. rept. equalization bd. 1875/7: 10-11.)

SAN JOAQUIN COUNTY

serial

1853/4-1871. Ann. rept. of co. assessor.
In Documents as follows:
1853/4 in Ann. rept. surveyor gen. 1853/4 : 71-72.
No. horses, cattle, etc., acreage of agric. produce.
1854/5 in Ann. rept. surveyor gen. 1854/5 : 298-299.
Acreage various grain crops, no. horses, cattle, etc.; no. mills; acreage improved land; do. vineyards; no. public schools; yield agric. produce.
1855/6-1861 none made.
1862 in Ann. rept. surveyor gen. 1862 : 123-126.
Agric.; soils; fruit trees and vines; livestock.
1863 in Ann. rept. surveyor gen. 1863 : 132-134.
Agric., tobacco, broom corn and sorghum, fruit trees and vines, bees, livestock, general comment.
1864 none made.
1865 in Ann. rept. surveyor gen. 1864-1865 : 157-159.
Recuperation from drought; experimental crops of cotton and tobacco abandoned; grape culture; irrigation.
1866 none made.
1867 in Bienn. rept. surveyor gen. 1865/7 : 114-115.
1868 " " " " " 1867/8 : 89-90.
Comment illustrating method of securing assessors' statistics and their resulting unreliability.
1869-1870 none made.
1871 in Bienn. rept. surveyor gen. 1869/71 : 116.

SAN LUIS OBISPO COUNTY

serial

1851/2-1863. Ann. rept. of co. assessor.
In Documents as follows:
1851/2 in Ann. rept. surveyor gen. 1852 : 59-60.
Lack of roads; Mexican land titles; soil, timber.
1852/3-1853/4 none made.
1854/5 in Ann. rept. surveyor gen. 1853/4 : 299-300.
Acreage grazing; agric. and wheat lands; yield various agric. crops; no. horses, cattle, etc.; grain and saw mills; vineyards.
1855/6-1861 none made.
1862 in Ann. rept. surveyor gen. 1862 : 126-127.
Valuation and taxes.
1863 in Ann. rept. surveyor gen. 1863 : 136-137.
Fruit, mines, valuation.

SAN MATEO COUNTY

serial

1862-1863. Ann. rept. of co. assessor.
In Documents as follows:
1862 in Ann. rept. surveyor gen. 1862 : 128.
1863 " " " " " 1863 : 136.

SANTA BARBARA COUNTY

serial

1865-1873. Ann. rept. of co. assessor.
In Documents as follows:
1865 (sic.) in Ann. rept. surveyor gen. 1864 : 79-81.
Stock and crop losses due to drought of 1863 and 1864; grape and olive culture; maguey; cotton, tobacco; investment in asphaltum deposits; land values.
1866 none made.
1867 in Bienn. rept. surveyor gen. 1865/7 : 115-116.
Oil refinery; oil wells in Ojai valley; wheat crop; flour mills needed; proposed road into Tulare Co.
1868-1869 none made.
1870/1 in Bienn. rept. surveyor gen. 1869/71 : 116-117.
Immigration, flour mills, telegraph, drought, bank, hotel and theatre being erected.
1872 none made.
1873 in Bienn. rept. surveyor gen. 1871/3 : 129.

TAXATION: STATE—cont'd

Assessment, Equalization, and Valuation—cont'd

SANTA CLARA COUNTY

serial

1854/5-1869. Ann. rept. of co. assessor.
In Documents as follows:
1854/5 in Ann. rept. surveyor gen. 1854/5 : 300-302.
Acreage and yield of various grains etc.; fruits trees; no. horses, cattle, etc.; grist and saw mills; telegraphs, schools, distilleries; tanneries; no. liable to military service.
1855/6-1859 none made.
1860 in Ann. rept. surveyor gen. 1860 : 74-75.
Wines, lumber, schools, agric.
1861-1863 none made.
1864 in Ann. rept. surveyor gen. 1864 : 81-82.
Agric.; fruit and vine culture; quicksilver; copper; silver; mineral springs; San Mateo boundary.
1865-1866 none made.
1867 in Bienn. rept. surveyor gen. 1865/7 : 117.
Silk factory erected.
1868 in Bienn. rept. surveyor gen. 1867/8 : 87.
Breweries, tanneries, and paper and woolen mill; silk factory; distillery.
1869 in Bienn. rept. surveyor gen. 1869/71 : 59-60.
As above.

SANTA CRUZ COUNTY

serial

1854/5-1870/1. Ann. rept. of co. assessor.
In Documents as follows:
1854/5 in Ann. rept. surveyor gen. 1854/5 : 302-304.
No. horses, cattle, etc.; acreage and yield of grains; no. each sort of fruit trees; lime industry; timber; grist and saw mills.
1855/6-1861 none made.
1862 in Ann. rept. surveyor gen. 1862 : 128.
1863 " " " " " 1863 : 138.
1864 none made.
1865 in Ann. rept. surveyor gen. 1864-1865 : 156-157.
Mnfg. industries; oil wells.
1866 none made.
1867 in Bienn. rept. surveyor gen. 1865/7 : 118.
Powder and paper manufactory; whaling.
1868 in Bienn. rept. surveyor gen. 1867/9 : 88.
Breweries; wharves and shipping; r.r.; agric. losses owing to lack of transportation facilities; burdensome taxes.
1869 in Bienn. rept. surveyor gen. 1869/71 : 59.
Output of tanneries, powder works, lime kilns.
1870/1 in Bienn. rept. surveyor gen. 1869/71 : 117.

SHASTA COUNTY

serial

1853/4-1872. Ann. rept. of co. assessor.
In Documents as follows:
1853/4 in Ann. rept. surveyor gen. 1853/4 : 72-73.
No. horses, cattle, etc.; quantity wheat, barley, potatoes, mineral resources.
1854/5 in Ann. rept. surveyor gen. 1854/5 : 304-305.
Acreage and yield of various grain crops; no. each sort of fruit trees; no. horses, cattle, etc.; no., cost, and output of saw, grist, and quartz mills; artesian well.
1855/6-1863 none made.
1864 in Ann. rept. surveyor gen. 1864 : 83-84.
Crops; fruit growing; gold; silver; copper, taxable property.
1865-1871 none made.
1872 in Bienn. rept. surveyor gen. 1871/3 : 127-128.
Decrease in mining due to lack of capital; r.r., timber, and lumber mills.

SIERRA COUNTY

serial

1851/2-1871. Ann. rept. of co. assessor.
In Documents as follows:
1851/2 in Ann. rept. surveyor gen. 1852 : 55.
No. acres land under cultivation, no. adapted to tillage and grazing; mineral resources.
1852/3 none made.
1853/4 in Ann. rept. surveyor gen. 1853/4 : 73-74.
Roads and highways, acreage of tilled land, no. horses, cattle, etc., geology of co., mineral resources.
1854/5 in Ann. rept. surveyor gen. 1854/5 : 306-307.
Acreage tilled land; agric. products; fruit trees; no. horses, cattle, etc.; timber; no. and value of saw mills; no. and value of ditches and flumes.
1855/6-1858 none made.
1859 in Ann. rept. surveyor gen. 1859 : 83-85.
Yield of various agric. crops; quartz mills; saw mills; ditches; no. horses, cattle, etc.; no. quantity and value of stock slaughtered; no. of fruit trees and vines; no. toll bridges and value, mileage turnpikes and telegraph and value; valuation realty and personalty.
1860-1862 none made.

TAXATION: STATE—cont'd

Assessment, Equalization, and Valuation—cont'd

SIERRA COUNTY—cont'd

serial—cont'd

1863 in Ann. rept. surveyor gen. 1863 : 134-135.
Assessment; gold yield of Howland Flat; fruit crop; undefined line on Plumas Co. side.
1864-1865 none made.
1866 in Bienn. rept. surveyor gen. 1865/7 : 118-119.
Method of taxation disadvantageous to Sierra Co.; comment on route for Atlantic and Pacific R.R.; U. S. surveyors enter swamp lands; fruit crop.
1867-1869 none made.
1870 in Bienn. rept. surveyor gen. 1869/71 : 58.
Mining interests low ebb.
1871 in Bienn. rept. surveyor gen. 1869/71 : 118.

SISKIYOU COUNTY

serial

1859-1874. Ann. rept. of co. assessor.

In Documents as follows:
1859 in Ann. rept. surveyor gen. 1859 : 86-93.
Acreage claimed land, timber land, ranches and swamp and overflowed land; no. horses, cattle, etc.; eggs and poultry produce; no. fruit trees and vines; houses and bldgs.; money; yield various agric. crops; water ditches and canals, descr. and valuation of each; quarts mills, do.; toll bridges, do.; saw and grist mills, do.; aggregate assessment 1858.
1860-1863 none made.
1864 in Ann. rept. surveyor gen. 1864 : 85-86.
Quarts mills; license revenue from Chinese population.
1865-1866 none made.
1867 in Bienn. rept. surveyor gen. 1865/7 : 121.
1868 " " " " " 1867/9 : 90.
Increase of population in eastern portion of co.
1869-1870 none made.
1871 in Bienn. rept. surveyor gen. 1869/71 : 118.
1872 " " " " " 1871/3 : 128.
Assessment incomplete for seat of Modoc war.
1873 in Bienn. rept. surveyor gen. 1873/5 : 87-88.
Discrepancies in statistical rept.
1874 in Bienn. rept. surveyor gen. 1873/5 : 101.

SOLANO COUNTY

serial

1851/2-1860. Ann. rept. of co. assessor.

In Documents as follows:
1851/2 in Ann. rept. surveyor gen. 1852 : 57-58.
Situation and quantity of land under cultivation; no. horses, cattle, etc.; quantity agric. produce, fruit crop.
1852/3-1853/4 none made.
1854/5 in Ann. rept. surveyor gen. 1854/5 : 307-308.
Acreage of swamp, mt. and valley land, do. tillable land and grazing land; acreage of various agric. crops, no. grist mills and output, artesian well.
1855/6-1859 none made.
1860 in Ann. rept. surveyor gen. 1860 : 75-81.
Acreage tillable, mt. and swamp land; do. bays and estuaries; Mexican grants; agric. land; acreage various agric. crops; no. fruit trees and vines; grazing land; swamp and overflowed, mineral and school land; timber; no. horses, cattle, etc.; Mare Is. Navy Yard; r.r.; grist mills; assessed valuation realty, personalty, and real improvements.

SONOMA COUNTY

serial

1854/5-1870. Ann. rept. of co. assessor.

In Documents as follows:
1854/5 in Ann. rept. surveyor gen. 1854/5 : 308-312.
Acreage and yield various agric. crops, fruit trees; vineyards; no. cattle, horses, etc.; output and value dairy produce.
1855/6-1868 none made.
1869 in Bienn. rept. surveyor gen. 1869/71 : 57-58.
Foundries, potteries, gas works, distilleries, r.r.
1870 in Bienn. rept. surveyor gen. 1869/71 : 119.
Factories, pottery, hop culture, grapes, telegraph.

STANISLAUS COUNTY

serial

1854/5-1869. Ann. rept. of co. assessor.

In Documents as follows:
1854/5 in Ann. rept. surveyor gen. 1854/5 : 312-313.
Acreage and yield various agric. crops; no. horses, cattle, etc.; amt. gold produced.
1855/6-1863 none made.
1864 in Ann. rept. surveyor gen. 1864 : 86.
1865-1866 none made.
1867 in Bienn. rept. surveyor gen. 1865/7 : 120.
Co. finances.
1868 none made.
1869 in Bienn. rept. surveyor gen. 1867/9 : 91.

TAXATION: STATE—cont'd

Assessment, Equalization, and Valuation—cont'd

SUTTER COUNTY

serial

1854/5-1872. Ann. rept. of co. assessor.

In Documents as follows:
1854/5 in Ann. rept. surveyor gen. 1854/5 : 313.
No. horses, cattle, etc.; yield various agric. crops, vegetables and dairy produce.
1855/6-1862 none made.
1863 in Ann. rept. surveyor gen. 1863 : 138-139.
Tobacco culture a failure; r.rs.; roads; canals; mills.
1864-1871 none made.
1872 in Bienn. rept. surveyor gen. 1871/3 : 127.
Floods; reclamation of swamp lands; increase in wealth of co.

TEHAMA COUNTY

serial

1861-1876/7. Ann. rept. of co. assessor.

In Documents as follows:
1861 in Ann. rept. surveyor gen. 1861 : 41-45.
Agric. lands; Nome Lackee Indian reservation; mineral springs; ferries; telegraph; livestock; taxation property.
1862-1875 none made.
1876/7 in Bienn. rept. surveyor gen. 1875/7 : 64.

TRINITY COUNTY

serial

1854/5-1863. Ann. rept. of co. assessor.

In Documents as follows:
1854/5 in Ann. rept. surveyor gen. 1854/5 : 314-315.
Acreage various grain and vegetable crops, no. each sort of fruit trees; no. horses, cattle, etc.; whole no. cost and income bridges and ferries; saw and grist mills; mileage, ditches, and flumes.
1855/6-1860 none made.
1861 in Ann. rept. surveyor gen. 1861 : 45-46.
Timber, mines, fruits, roads, schools, mnfg.; general stmts.
1862 none made.
1863 in Ann. rept. surveyor gen. 1863 : 139.

TULARE COUNTY

serial

1854/5-1870/1. Ann. rept. of co. assessor.

In Documents as follows:
1854/5 in Ann. rept. surveyor gen. 1854/5 : 315-316.
Acreage various grains and vegetables; no. horses, cattle, etc. amt. taxable property; quarts mines.
1855/6-1868 none made.
1869 in Bienn. rept. surveyor gen. 1869/71 : 61-62.
1870/1 in Bienn. rept. surveyor gen. 1869/71 : 120-122.
Unequal taxation.

TUOLUMNE COUNTY

serial

1860-1866. Ann. rept. of co. assessor.

In Documents as follows:
1860 in Ann. rept. surveyor gen. 1860 : 82-83.
Quarts mines; acreage agric. lands; lumber and timber; stock raising; valuation.
1861 in Ann. rept. surveyor gen. 1861 : 47.
Placer mining; fruit culture; lumber; assessed valuation.
1862-1865 none made.
1866 in Ann. rept. surveyor gen. 1865/7 : 121-123.

YOLO COUNTY

serial

1853/4-1861. Ann. rept. of co. assessor.

In Documents as follows:
1853/4 in Ann. rept. surveyor gen. 1853/4 : 75.
No. horses, cattle, etc., acreage of barley and wheat.
1854/5 in Ann. rept. surveyor gen. 1854/5 : 317-319.
Co. boundaries; public lands; flour mills; bridges; scarcity of water; timber; vineyards; acreage and yield of grains and hay; wool produce; yield and value dairy produce; artesian wells.
1855/6-1858 none made.
1859 in Ann. rept. surveyor gen. 1859 : 94-95.
Yield of various agric. crops; drainage and irrigation; wool growing; fruits and tobacco; artesian wells; grist mills.
1860 in Ann. rept. surveyor gen. 1860 : 83-87.
Swamp and overflowed land; public lands; Spanish grants; yield of wheat and barley in 1859 and 1860, acreage do.; fruit trees and vines; timber; stock raising; no. and value of stock; r.rs., improvements; taxable property.

TAXATION: STATE—cont'd

Assessment, Equalization, and Valuation—cont'd

YOLO COUNTY—cont'd

serial—cont'd

1861 in Ann. rept. surveyor gen. 1861: 48-53.
Descr. of Spanish grants in co.; swamp and overflowed lands; agric. lands; acreage of various agric. crops; no. fruit trees and vines; mineral lands; timber; r.r.; Cacheville agric. ditch; grist and saw mills; livestock; no. horses, cattle, etc.; dairy produce; apiaries; assessments and taxes.

YUBA COUNTY

serial

1854/5-1869. Ann. rept. of co. assessor.

In Documents as follows:
1854/5 in Ann. rept. surveyor gen. 1854/5: 319-321.
Fruit culture; acreage tilled and tillable land; acreage and yield various grain crops; no. horses, cattle, etc.; no. and value of saw and grist mills; incorporated turnpike cos.; no. and valuation toll bridges, ferries, water ditches and quartz mills; fire cos.
1855/6-1858 none made.
1859 in Ann. rept. surveyor gen. 1859: 95-100.
Assessed valuation of realty, personalty, and improvements, acreage of fenced and tilled lands resp.; mineral and swamp and overflowed lands; timber; acreage and yield of agric. produce; yield, butter, eggs, and wool; no. fruit trees and vines; no. horses, cattle, etc.; no. and value of each kind of improvement, i. e., mills, toll bridges, ferries, turnpikes, etc.; bees; telegraphs; r.rs.; details of taxable property.
1860 in Ann. rept. surveyor gen. 1860: 87-89.
Industries and agric.; agric. fair; fruit growing; grape culture; damage from overflow of Yuba and Bear rivers; mining; abstr. of assessed valuation and taxes of 1859 compared with 1860.
1861 none made.
1862 in Ann. rept. surveyor gen. 1862: 146-148.
Population in 1860, voters in 1861 and in 1862, assessed valuation; no. horses, cattle, etc.; farms destroyed by flood of 1861 no. and amt. of state and federal poll taxes.
1863-1868 none made.
1869 in Bienn. rept. surveyor gen. 1869/71: 63.
Wine mnfre.; broom corn.

RAILROADS; see below, that title

Capitation Tax; see below, Poll Tax

Capitation Tax on Immigrants; see Population. Chinese; do. Receipts and Expenditures

Commerce; see below, Shipping

Commutation Tax

Obsolete; same as Passenger Tax; see below.

Consigned Goods; see License. Auctions

Corporations

1855. Rept. re. payment of counsel fees in re. sheriff of S. F. Co. vs. Pacific Mail Steamship Co. for state and co. taxes, reviewing proceedings in case. (Assem. jol. 1855: 788-789.)

BANKS

1872-1873. Comparative stmt. showing difference in assessments of property of most of savings banks in state. (A.R. equalization bd. 1872/3: 19.)

INSURANCE COMPANIES

See also Insurance: Revenue.

1902. Comments on passage of law, placing a tax upon all insurance cos., other than life, not organized or incorporated under laws of state. (35 A.R. insurance comr. 1902: 11-13.)

MINING

1882. Communication from license collector's office, making suggestions for improving law for collection of stock certificate tax. (2 rept. state mineralogist 1880/2: 19.)

1896. Mining bureau receives no benefit from stock certificate tax; suggestion to affix stamps to certificates of stock. (13 *same* 1894/6: 20.)

RAILROADS

See also below, Expenditures; do. Revenue.
General material only. For material relating to taxation of a particular r.r. see Railroads: Individual.

TAXATION: STATE—cont'd

Corporations—cont'd

RAILROADS—cont'd

serial

1892-1903. Stmt. of amts. of taxes due state and cos. from various r.rs. upon assessments made by bd. of equalization.

Checklist
1892-1893. None issued separately.
1894. 10 pp.
1895. None issued separately.
1896. 13 pp.
1897-1904. None issued separately.

In Documents as follows:

1892	in Bienn.	rept.	controller	1892/4: 98-104.
1893	"	"	"	1892/4: 105-110.
1894	"	"	"	1894/6: 98-105.
1895	"	"	"	1894/6: 106-115.
1896	"	"	"	1896/8: 98-107.
1897	"	"	"	1896/8: 108-117.
1898	"	"	"	1898/00: 112-121.
1899	"	"	"	1898/00: 122-131.
1900	"	"	"	1900/2: 110-119.
1901	"	"	"	1900/2: 120-129.
1902	"	"	"	1902/4: 124-133.
1903	"	"	"	1902/4: 134-143.

non-serial

1872-1873. Table showing assessments of r.r. and contract and finance co. property in 25 counties as reported by assessors. (A.R. equalization bd. 1872/3: 99-101.)

1873. Comments on r.r. cos., also recommendation that power be given to state bd. of equalization to revise and equalize this class of property betw. various cos. and counties. (Bienn. rept. state controller 1871/3: 19.)

——. Comments on r.r. taxes. (A.R. equalization bd. 1872/3: 20-22.)

1880. Stmt. showing assessment of roadway, roadbed, and rails, rolling stock and franchises of r.rs. assessed by state bd. of equalization. (*Same* 1880: 47.)

——. Same; apportionment of assessment of property of r.rs. among cos. entitled to same. (*Same* 1880: 48-49.)

——. Same; from assessors' repts., no. of miles, value per mile of franchise, roadway, etc., of r.rs., etc., which were not assessed by bd. of equalization, 1880. (*Same* 1880: 50-51.)

1880-1881. Showing from stmts. of r.r. corporations amt. of rolling stock owned by them. (*Same* 1880 (p. 45)—*same* 1881.)

1880-1882. Stmt. showing assessed value per mile of roadway, roadbed, and rails and rolling stock and franchise of r.rs. assessed by state bd. of equalization for 1880. (*Same* 1880 (p. 46)—*same* 1882.)

——. Comments on assessment of r.rs. (Bienn. rept. *same* 1880 (pp. 6-9)—*same* 1881/2.)

1880-1884. Comments on rwy. assessments; table giving assessment per mile from 1880 to 1884, incl. (A.R. *same* 1883/4: 15-16.)

1880-1885. Stmt. giving amts. still due r.rs. as credits from cos. on re-assessments. (Bienn. rept. state controller 1892/4: 113.)

1880-1886. Table showing valuations of property and r.rs. after increase by bd. for yrs. in which state bd. has been in existence. (A.R. equalization bd. 1885/6: 3.)

1880-1887. Same; re-assessment and apportionment of rwys. (Bienn. rept. *same* 1883/4: 38-45.)

1880-1896. Recapitulation of r.r. re-assessments. (Bienn. rept. state controller 1892/4 (p. 115)—*same* 1894/6.)

1880-1902. Stmt. re. delinquent r.r. taxes; tables giving condition of each r.r., assessed value of each, tax levied for state purposes, and amt. of delinquency for state purposes against each road for each yr.; action of bd. and recommendations re. same. (*Same* 1882/4 (pp. 21-25)—*same* 1900/2.)

TAXATION: STATE—cont'd
Corporations—cont'd
RAILROADS—cont'd
non-serial—cont'd
1880-1904. R.R. assessment; see above, under Assessment, 1872-1904.
1881. Stmt. showing assessment of r.rs. assessed by state bd. of equalization. (A.R. equalization bd. 1881/2: 35.)
1881-1882. Cases involving assessment of r.r. taxes; opinion as to legality of this provision of state constitution; remedial legislation. (Rept. atty. gen. 1881/2: 4-13.)
——. Stmt. showing apportionment of assessment of r.rs. among cos. entitled to same. (A.R. equalization bd. 1881/2 (pp. 36-37)—*same* 1882.)
——. Same; amt. each co. recd. in apportionment of r.r. assessments in 1881. (*Same* 1881/2 (p. 37)—*same* 1882.)
1882. Comments on r.r. taxes. (*Same* 1881/2: 11-19.)
——. Stmt. showing assessed value per mile of roadway, roadbed, rails, and franchises of r.rs. assessed by state bd. of equalization. (*Same* 1881/2: 42.)
——. Same; amt. of rolling stock owned by r.rs. assessed by bd. (*Same* 1881/2: 41.)
——. Comments on r.r. taxation and recommendation that different system of collecting tax from r.r. cos. should be adopted. (Bienn. rept. state controller 1880/2: 22-27.)
1883. Table giving values, exclusive of assessment by bd. of rwys., as reported by auditors. (A.R. equalization bd. 1883/4: 23.)
——. Stmt. showing assessment of r.r. cos. in several counties, by assessors, of depots, reservations, and lands. (*Same* 1883/4: 28.)
1883-1886. Same; assessment of r.rs. by state bd. of equalization and apportionment of same to counties in 1883. (*Same* 1883/4 (pp. 29-30)—*same* 1885/6.)
1883-1887. Communication from state controller to Assem. re. amt. of taxes delinquent upon r.rs. assessed by state bd. of equalization. 4 pp. (App. to jols. 28 sess. v. 8 doc. [6].)
1883-1888. Stmt. showing names of r.rs. and amt. of assessment apportioned to cos., 1883. (A.R. equalization bd. 1883/4 (pp. 31-33)—*same* 1887/8.)
——. Same; rolling stock owned by corporations in 1883. (*Same* 1883/4 (p. 28)—*same* 1887/8.)
1883-1896. R.R. tax cases. (Rept. atty. gen. 1883/4 (pp. 4-6)—*same* 1895/6.)
1884. Stmt. showing assessed value of property of r.rs. assessed by assessors. (A.R. equalization bd. 1883/4: 42.)
——. Same; rolling stock owned by corporations assessed by bd. and used in state. (*Same* 1883/4: 42.)
——. Recommendation that control of all suits agst. r.r. corporations for taxes be put in hands of controller. (Bienn. rept. state controller 1882/4: 25.)
——. Official correspondence betw. atty. gen. and gov., together with rept. of controller upon delinquent r.r. taxes. 14 pp.
Not seen; entry from Bowker.
——. Govs. special mess. re. r.r. corporations which have resisted demands of state for collection of delinquent taxes for 4 yrs. (Sen. jol. 25 extra sess. pp. 8-10; Assem. jol. pp. 6-9.)
——. Communication from atty. gen. re. delinquent r.r. tax cases. (Assem. jol. 25 extra sess. p. 15.)
——. Stmt. showing amt. of apportionment of r.rs. to cos. (A.R. equalization bd. 1883/4: 45-47.)
——. Majority and minority repts. regarding delinquent r.r. tax cases and entry of judgments therein for less amts. than those claimed in complaint. (Assem. jol. 25 extra sess. pp. 138-143.)
1884-1890. Table showing rwys. assessed, no. of miles in each co., total assessment and apportionment of assessment to each co. for 1884. (A.R. equalization bd. 1883 (pp. 43-44)—bienn. rept. *same* 1889/90.)
1884-1892. Stmts. re. assessments of r.rs. by state bd. of equalization, amt. of tax paid, and amt. delinquent. (Bienn. rept. state controller 1882/4 (pp. 92-99)—*same* 1890/2.)
1885. Table showing amt. of rwy. assessment each co. recd. for 1885. (A.R. equalization bd. 1885/6: 28-30.)
——. Letter from state controller to atty. gen. upon condition of r.r. tax suits, Nov. 3. 14 pp.
Not seen; entry from Bowker.
1885/6. Table showing assessment of property of r.r. corporations assessed by assessors—depots, stations, lands, etc. (A.R. equalization bd. 1885/6: 37.)
1886. Comment on r.rs. and table showing increase in assessment per mile of various r.rs. under present bd. (*Same* 1885/6: 10-12.)
——. Recommendation that legisl. pass act requiring state bd. of equalization to reassess r.rs. delinquent for taxes, for yrs. 1880/1, 1881/2, 1882/3, and that co. auditors and treasurers be required, on settlement with r.r. cos. under reassessment, to credit them with partial payments already made for those yrs. (Bienn. rept. state controller 1884/6: 29.)
——. Comment on delinquencies of r.r. cos. (*Same* 1884/6: 21-29.)
——. Recommendation that law for taxation of r.rs. be so amended that same penalty for delinquency of other property shall attach to delinquent r.rs. and that class of property be sold for delinquent taxes as all classes of property are sold and that like penalties of redemption be provided. (*Same* 1884/6: 29.)
1888. Stmt. re. past r.r. assessments and suggestions that legisl. direct bd. to reassess delinquent roads for yrs. for which they have refused to pay taxes. (Bienn. rept. equalization bd. 1887/8: 7-8.)
——. Table showing miles and assessments of ditches, telegraph and telephone lines, and r.rs. as assessed by assessors. (*Same* 1887/8: 45-52.)
——. Recommendation that legisl. pass act requiring state bd. of equalization to reassess r.rs. delinquent for taxes for yrs. since 1880, and that co. auditors and treasurers be required, on settlement of r.r. cos. under reassessment, to credit them with any partial payments already made for those yrs. (Bienn. rept. state controller 1886/8: 27.)
——. Recommendation that law for taxation of r.r. be so amended that same penalty for delinquency of other property shall attach to delinquent r.r. and that that class of property be sold for delinquent taxes as all other classes of property are sold, and that like penalties of redemption be provided. (*Same* 1886/8: 27.)
1889. Proceedings of judiciary committee regarding r.r. tax suits, etc. 267 pp. (App. to jols. 28 sess. v. 8 doc. [3].)
——. Majority and minority repts. of Assem. judiciary committee on subject of r.r. taxes. (Assem. jol. 28 sess. pp. 950-952.)

TAXATION: STATE—cont'd
Corporations—cont'd
RAILROADS—cont'd
non-serial—cont'd
1889-1904. Table showing assessment and apportionment of rwys. for 1889; summary by roads. (Bienn. rept. equalization bd. 1889/90 (pp. 20-21)—*same* 1903/4.)
1890. Comments on collection of taxes; suggestion for revision of law as to place citizens and r.r. cos. on level, and to consider whether it will be wise to offer for sale in secs., r.rs. operated in more than one co. or whether better to subject all property delinquent for taxes to judicial process to collect taxes. (*Same* 1889/90: 10.)
1891-1904. Table showing apportionment of rwys. to cos. (*Same* 1891/2 (pp. 17-20)—*same* 1903/4.)
1893. Special rept. [Jan. 17] of atty. gen. on r.r. tax cases, and r.r. taxation. 49 pp. (App. to jols. 30 sess. v. 1 doc. [6].)
——. Testimony taken before Sen. corporations committee in matter of rwy. assessments, and payment of taxes thereunder, for yrs. 1880 to 1892, inclusive. 66 pp. (*Same* 30 sess. v. 8 doc. [6].)
1896-1904. Table giving r.r. property assessed by co. assessors, such as depots, shops, land, etc. (Bienn. rept. equalization bd. 1895/6 (pp. 59-60)—*same* 1903/4.)
1898-1900. Summary, by r.rs., giving total assessment, state taxes, co. taxes, etc., with recapitulation, by cos. (Bienn. rept. state controller 1896/8 (pp. 106-107)—*same* 1898/00.)
1899-1904. Stmt. showing assessment of rwys. (electric, motor, street, and steam) operated in but one co., made by co. assessors. (Bienn. rept. equalization bd. 1899/02 (pp. 19-20)—*same* 1903/4.)
1904. Comments on taxes of 1903 on united r.rs. of S. F. (Bienn. rept. state controller 1902/4: 32.)
REVENUE; see below, that title
TELEGRAPH AND TELEPHONE COMPANIES
1886. Comment on telegraph cos. and table showing no. of miles, total assessment, and rate per mile of Western Union Telegraph Co. (A.R. equalization bd. 1885/6: 7-8.)
——. Comment on telephone lines and table showing assessment of same, by counties. (*Same* 1885/6: 9.)
1902-1904. Table giving assessment of telegraph and telephone lines, 1902. (Bienn. rept. *same* 1899/02 (p. 80)—*same* 1903/4.)
Delinquent
1849/50-1854. Comments on delinquencies. (A.R. state comptroller 1849/50 (pp. 542-543)—*same* 1853/4.)
Paging from Collected docs.
1850-1857. Stmt. of total amt. of delinquent tax lists reported to controller. (Assem. jol. 9 sess. pp. 537-538.)
1851. Stmt. of amt. of state taxes chargeable to each co., payments made on same during yr., and amt. returned delinquent for yr. 1851. (A.R. state comptroller 1851/2: 25.)
1851-1852. Controller's special rept. on tax delinquency, with abstracts of realty, personalty, and poll tax assessed in each co. for 1851; amt. paid into treasury by each co. July 1 to Dec. 31, 1851; and stmt. of taxes chargeable, paid, and delinquent for each co. for yr. 1851/2. (App. to Sen. jol. 1852: 566-572.)
1857. Veto of act concerning delinquent taxes of cos. of state. (Assem. jol. 8 sess. pp. 735-736.)
——. Rept. on act concerning delinquent taxes, giving amt. of taxes due in Sacramento Co. (*Same* 8 sess. pp. 422-423.)
TAXATION: STATE—cont'd
Delinquent—cont'd
1871-1884. Stmt. of delinquent taxes. (Bienn. rept. state controller 1871/3 (pp. 176-183.)—*same* 1882/4.)
1877. Stmt. giving delinquent property tax of 1875-1877 due state. (*Same* 1875/7: 12.)
——. Stmt. showing manner in which apprn. for prosecution of delinquents for infractions of revenue laws was expended by Controller J. J. Green from July 1 to Dec. 5, 1875. (*Same* 1875/7: 22.)
1886-1904. Same; delinquent taxes charged tax collector for 1884/5 (being exclusive of delinquent taxes due upon r.rs. assessed by state bd. of equalization). (*Same* 1884/6 (pp. 118-119)—*same* 1902/4.)
1888. Comments on 2% interest due on delinquent state taxes. (*Same* 1886/8: 28.)
1888-1890. Recommendation for amdmt. of sec. 3897, political code, so as to authorize controller to sell property at any time after time for redemption has expired, to any person applying, upon payment of taxes for each yr. and costs, or at public auction. (Bienn. rept. equalization bd. 1887/8 (p. 3)—*same* 1889/90.)
1893. Communication from atty. gen. with contracts for collection of delinquent taxes. (Sen. jol. 30 sess. pp. 1097-1102.)
1894. Comments on sale of property for delinquent taxes. (Bienn. rept. state controller 1892/4: 26-28.)
Equalization Board
1873. Rules and regulations issued by state bd. of equalization to co. assessors and co. bds. of equalization. (A.R. equalization bd. 1872/3: 85-91.)
1880. Same; prescribed by state bd. of equalization for govt. of co. assessors and co. bds. of supervision sitting as bds. of equalization. (*Same* 1880: 131-140.)
——. Recommendation for apprn. of $500 for contingent expenses of bd. for next two fiscal yrs. (*Same* 1880: 40.)
——. Same; for apprn. sufficient to pay newspaper accts. (*Same* 1880: 41.)
1882. Same; that salary of secy. be increased. (*Same* 1880: 21.)
EXPENDITURES FOR; see below, that title
Exemptions
1851. Veto of act to exempt city of S. F. from operation of act prescribing mode of assessing and collecting public revenue for co. purposes. (Legisl. jol. 1851: 722-723.)
1852. Mess. of gov. transmitting corresp. betw. him and delegation in Congress in reference to exempting U. S. property in this state from taxation. (App. to Sen. jol. 3 sess. pp. 666-668.)
1859. Minority rept. on bill to exempt Cal. mechanical labor from taxation. (Assem. jol. 10 sess. pp. 316-317.)
1866. Petition of trustees of Cal. Bible Socy. re. exemption from taxation. 4 pp. (App. to jols. 16 sess. v. 3 unnum. doc.)
1867. Stmt. of property exempt from taxation. (Bienn. rept. state controller 1865/7: 170-173.)
1892. Favoring constitutional amdmt. to provide for exemption of growing fruit trees from taxation. (Trans. state agric. socy. 1892: 19-20.)
1894. Recommendation that legisl. amend constitution so as to exempt mortgages and deeds of trial from taxation. (Bienn. rept. equalization bd. 1893/4: 10.)
Expenditures for
1877. Stmt. giving cost of assessing and collecting state tax. (Bienn. rept. state controller 1875/7: 13-14.)

TAXATION: STATE—cont'd

Expenditures for—cont'd

1877. Comments on comns. allowed tax collectors, and apportionment of property tax betw. state and co. (*Same* 1875/7: 14-17.)

1877-1902. Stmt. of comns. and mileage allowed for assessing, collecting, keeping, and paying in state taxes for 1875-1877. (*Same* 1875/7 (pp. 114-117)——*same* 1902/4.)

Equalization Board

1871-1873. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for state bd. of equalization. (Bienn. rept. state controller 1869/71 (p. 65)—*same* 1871/3.)

1872/3-1875. Stmt. of financial expenditures. (A.R. equalization bd. 1872/3 (p. 102)—*same* 1874/5.)

1881/2. Stmts. of expenditures for postage and contingent expenses and expenses for traveling for yr. endg. June 30, 1882. (*Same* 1881/2: 100.)

1882-1904. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for state bd. of equalization. (Bienn. rept. state controller 1880/2 (pp. 59-60)—*same* 1902/4.)

1884. Stmts. of expenditures of apprn. for postage and contingent expenses, for traveling expenses and deficiency in apprn. for traveling expenses for yr. endg. June 30. (A.R. equalization bd. 1883/4: 121.)

1884-1886. Recommendation for apprn. for traveling expenses to be increased. (*Same* 1883/4 (p. 20)—*same* 1885/6.)

1884-1898. Stmt. of expenditures of apprns. for traveling expenses and postage and contingent expenses. (*Same* 1885/6 (p. 79)—*same* 1897/8.)

Railway Taxes

1884-1888. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for rwy. taxes. (Bienn. rept. state controller 1882/4 (p. 72)—*same* 1886/8.)

Income Tax

1897. Majority and minority rept. on act to provide for levy and collection of an income tax. (Assem. jol. 32 sess. pp. 1247-1248.)

Inheritance Tax

1904. Comments on tax on inheritances and suggestions that legisl. provide for payment of similar tax on direct or lineal inheritances; also that tax collected from these sources be paid into perpetual fund, to be invested in interest-paying securities instead of being paid out directly for school purposes, as present law directs. (Bienn. rept. state controller 1902/4: 24-25.)

Revenue from; see below, that title

Laws

1881. The revenue laws.
Not seen; entry from Bowker.

1885. Revenue laws of state of Cal. . . . laws relating to revenue in force Mch. 23. 128 pp.

——. The revenue laws.
Not seen; entry from Bowker.

1891. Revenue laws in force Apr. 1. 108 pp.

1895-1903. Act to amend fee bill of 1872 (sec. 416, Political Code). (Bienn. rept. secy. of state 1898/00 (pp. 23-24)—*same* 1902/4.)

1896. The revenue laws.
Not seen; entry from Bowker.

1897. Revenue laws of state. 128 pp. 24°.

1901. Same. 215 pp. 16°.

——. Text of foreign corporation fee bill. (Bienn. rept. secy. state 1900/2 (pp. 20-21)—*same* 1902/4.)

TAXATION: STATE—cont'd

Laws—cont'd

1902. Revenue laws of state, with app. containing extracts from Supreme Court decisions to July 1, and the collateral inheritance tax law. 250 pp. 16°.

Merchants; see License. Auctions

Mortgage Tax

1868. Minority rept. of ways and means committee re. abatement of tax on mortgages. 4 pp. (App. to jols. 17 sess. v. 2 [doc. 24].)

1870. Same; on Assem. bills 24, 96, and 268, re. tax on mortgages. 5 pp. (*Same* 18 sess. v. 3 doc. [33].)

——. Petition of directors of Odd Fellows' Savings Bank for repeal of mortgage tax law. 2 ll. (*Same* 18 sess. v. 2 unnum. doc.)

——. Petition of citizens of S. F. for repeal of mortgage tax law. 124 pp. (*Same* 18 sess. v. 3 unnum. doc.)

——. Same. 5 pp. (*Same* 18 sess. v. 3 unnum. doc.)

1872-1875. See above, Assessment, Equalization, etc.; these dates.

1880. Stmt. showing values of property in two cos. subject to one mortgage apportioned by state bd. of equalization, values of mortgages and properties and percentages. (A.R. equalization bd. 1880: 54-57.)

——. See above, Assessment, etc.; this date.

1880-1890. Comparative table showing value of mortgages, value of whole real estate and improvement assessed, and per cent of mortgage value of real estate and improvements value, since 1880. (Bienn. rept. equalization bd. 1889/90: 6.)

1882. Stmt. showing value of real estate subject to mortgage, amt. of mortgages, and per cent of property subject to mortgage, for 1882. (A.R. *same* 1881/2: 50-51.)

1885/6. Table showing acreage assessed, mortgages and value of property affected by mortgages. (*Same* 1885/6: 44-45.)

1888-1892. Comments on mortgages held by state. (*Same* 1887/8 (pp. 6-7)—*same* 1891/2.)

1889/90-1904. Stmt. giving assessed value of property mortgaged; value of mortgages; per cent of mortgages to total value of real estate and improvements and acres assessed. (*Same* 1889/90 (pp. 78-79)—*same* 1903/4.)

1894. Comments on mortgages held by state institutions and on assessment of mortgages. (*Same* 1893/4: 5-10.)

1896. Comments on mortgages held by state institutions, and suggestion that accumulations over and above expenses of institution (State Univ.) be so used as not to injure any particular portion of state by withdrawing large amt. of property from taxation. (*Same* 1895/6: 3-4.)

Passenger Tax

This is an obsolete tax. When in existence it was levied to provide proceeds for support of Marine Hospital; see Maintenance: State Individual Institutions.
See also Population. Receipts and Expenditures.

Poll Tax

1849. Imposition of poll tax and ad valorem tax on realty and personalty, in provision for current expenses. (Govs. ann. mess. 1849.)

1850. Rept. on tax rates, urging imposition of five-dollar poll tax, etc. (Legisl. jol. sess. 1849/50: 424-428.)

1851. Continuance of present rate of taxation on realty and personalty urged; do. reduction in capitation tax. (Govs. ann. mess. 1851.)

1852-1853. Abstr. of property of all kinds, with total amt. of state tax on same, and poll tax. (A.R. state controller 1851/2 (p. 26)—*same* 1852/3.)

TAXATION: STATE—cont'd

Poll Tax—cont'd

1871. Recommendation that the assessor of each co. be created ex-officio collector of poll taxes. (Bienn. rept. *same* 1869/71: 10.)

——. Stmt. showing no. of poll taxes collected in several cos., no. of voter therein, and percentage of poll taxpayers to no. of voters. (*Same* 1869/71: 121.)

1884-1886. Recommendation for amdmt. of political code in respect to collection of poll taxes. (A.R. equalization bd. 1883/4 (p. 19)—*same* 1885/6.)

REVENUE; see below, that title

Revenue from

1849/50-1853. Tabular stmt. showing amt. of revenue chargeable to each co. for present yr.—the aggregate amt. of each object of taxation, together with tax assessed on same. (A.R. state comptroller 1849/50 (pp. 534-537)—*same* 1852/3.)
Paging from Collected docs.

1873. Stmt. of amt. of property tax due state, amt. reported collected, amt. of allowances for collection, amt. paid state treasurer, and amt. due state on assesment of July 1, 1871, July 1, 1873. (Bienn. rept. *same* 1871/3: 108-114.)

1877. Same; collected for state in several cos. under assessment of 1875-1877. (*Same* 1875/7: 68-69.)

1884-1904. Stmts. of amts. of state tax levied, amts. collected, and amts. delinquent in several cos. for and on acct. of property tax (tax of 1882 and 1883), June 30, 1884. (*Same* 1882/4 (pp. 104-105)—*same* 1902/4.)

CORPORATIONS

BANKS

See Banks. Receipts and Expenditures.

INSURANCE COMPANIES

See Insurance. Revenue.

RAILROADS

1882/4. Receipts and payments on rwy. tax fund. (A. R. state treasurer 1882/4: 14.)

1884-1904. Stmt. of condition of rwy. tax fund. (Bienn. rept. *same* 1882/4 (p. 87)—*same* 1902/4.)

1886-1904. Same; of rwy. tax contingent fund. (*Same* 1884/6 (p. 85)—*same* 1902/4.)

COUNTY TAX

1851. Taxes received since June 30, 1851; comments. (*Same* 1850/1: 483.)
Paging from Collected docs.

1857. Exhibit of revenue paid into state treasury from several cos., with expenses of such collection, and per cent thereon, since July 1. (Sen. jol. 9 sess. p. 44; Assem. jol. p. 61.)

1877-1882. Stmt. of amts. of state tax due from cos., amts. collected, and amts. delinquent for assessment of property tax of 1875-1877. (Bienn. rept. state controller 1875/7 (pp. 72-73)—*same* 1880/2.)

1880-1885. Stmt. giving total taxes heretofore paid on assessments as first levied. (*Same* 1892/4: 112.)

——. Summary giving payment, by cos., of installments on reassessments. (*Same* 1892/4: 114.)

INHERITANCE TAX

1900. Comments on tax on collateral inheritances and stmt. showing amts. paid into treasury from this source from 45th to 51st fiscal yrs. (Bienn. rept. state controller 1898/00: 28.)

INTEREST TAX FUND

1851/2. Stmt. of interest tax fund payments. (A.R. state treasurer 1851/2: 17.)

——. Stmt. of interest tax fund receipts. (*Same* 1851/2: 16.)

1852-1854. Tabular stmt. showing condition of interest tax fund of 1851. (A.R. state comptroller 1851/2 (p. 23)—*same* 1853/4.)

——. Same; 1852. (*Same* 1851/2 (p. 23)—*same* 1853/4.)

TAXATION: STATE—cont'd

Revenue from—cont'd

INTEREST TAX FUND—cont'd

1853. Communication from controller, with stmt. of interest tax funds of 1851 and 1852, showing deficiency in amt. required July 1, to liquidate interest on bonds issued in 1852, urging necessity of immediate provision therefor. 4 pp. (App. to Sen. jol. 1853 doc. 66.)

LICENSE; SEE THAT TITLE

POLL TAX

1853-1858. Stmt. of receipts into treasury from sales of poll tax receipts. (Sen. jol. 10 sess. p. 322.)

STAMP TAX

1857. Stmt. of net receipts from stamp tax for 6 mos. endg. Dec. 31. (Sen. jol. 9 sess. p. 43; Assem. jol. p. 60.)

1858-1865. Stmt. of receipts into state treasury, from sale of stamped paper, July 1, 1857, to Dec. 15, 1858, inclusive; together with expenses incurred in carrying out provisions of stamp act for same period. (A.R. state controller 1857/8 (p. 32)—*same* 1864/5.)

1873-1877. Bienn. stmt. of receipts into state dept. on acct. of fees and revenue stamps. (Bienn. rept. state dept. 1871/3 (pp. 5-6)—*same* 1875/7.)

Road Tax

1856. Petition for enforcement of road tax on miners and foreigners of Tuolumne Co. escaping payment as result of migratory habits. (Sen. jol. 1856: 289-290.)

1896. Reform measures recommended to reduce and equalize rate of present taxation for highway purposes. (Bienn. rept. bureau of highways 1895/6: 22-23.)

1903-1904. Table giving amts. of taxes levied in several cos. for co. road purposes and expended by bds. of supervisors. (*Same* 1902/4: 34.)

School Tax

See also Education. School Fund.

1852. Controller's rept. re. assessments for school purposes, and amt. of school lands sold up to Jan. 17, 1853. (2 A.R. supt. public instruction 1852: 31-33.)

——. Review of revenue available for school purposes, as increased by act pledging additional ann. tax of 5c. of 30, imposed on each one hundred dollars of valuation. (Govs. ann. mess. 1853.)

1857. Recommended that law be so amended as to fix minimum tax allowed to be imposed by several cos. for school purposes, at ⅛ of 1%; also that no warrants be issued for school expenses unless there be funds at the time to credit of the distr., and that all school funds accruing after Oct. 31, shall be devoted exclusively to payments of expenses of that yr., the surplus going to credit of the next yr. (7 A.R. supt. of public instruction 1857: 5-6.)

1860-1867. Comparative table showing amt. raised by rate bills each yr. since 1860 and gradual approximation of state to a free school system. (2 bienn. rept. *same* 1866/7: 23.)

1862. Stmt. showing assessed valuation of property in each co., and rate of co. school tax on each $100. (13 A.R. *same* 1863: 148-149.)

1862/3-1866/7. Stmt. showing amt. of school money raised by co. and city taxes in each co. for each child betw. 4 and 18 for each of last three yrs. (1 bienn. rept. *same* 1864/5 (p. 183)—2 *same* 1866/7.)
Ages betw. 5 and 15 after 1865.

——. Same; rate of co. school tax on each hundred dollars of taxable property for each of last three yrs. (1 *same* 1864/5 (p. 182)—2 *same* 1866/7.)

TAXATION: STATE—cont'd
School Tax—cont'd
1863. Same; amt. which would be raised in each co. by a half-mill school tax, and amt. to such tax which each co. would receive back. (13 A.R. *same* 1863: 150-151.)
——. Stmt. of facts and figures shcwing absolute necessity of a state school tax. (13 *same* 1863: 81-97.)
1865. Co. school tax; recommendation that minimum be made equal to three dollars per census child, provided rate shall not exceed 35c. on $100. (1 bienn. rept. *same* 1864/5: 82-86.)
——. Public schools and taxation; an appeal to legisl. (1 *same* 1864/5: 175-178.)
1867. Proposed amdmts. to school law re. distr. taxes, and abolishing rate bills entirely providing for 5 mos. free school. (2 *same* 1866/7: 15.)
——. Result of revised school law providing that minimum rate of co. school tax shall be sufficient to raise $3 per census child. (2 *same* 1866/7: 24-25.)
1890-1894. School revenue and rate of taxation. (14 rept. *same* 1888/90 (pp. 5-6)—15 *same* 1892/4.)
1904. Increase of school tax recommended for purpose of raising salary of teachers. (21 *same* 1902/4: 10-11.)
Shipping
1851. $2,000,000 of revenue collected in ports of state. (Govs. special mess. Jan. 30, 1852.)
1852. Law imposing tax on vessels already taxed in ports of other states impolitic and repeal urged. (Govs. ann. mess. 1852.)
——. Rept. of select committee on maritime law on govs. mess. re. taxes on certain vessels; right of state to tax vessels trading in her ports, urging regulation of said rights with other states, to secure justice for Cal. (App. to Sen. jol. 1852: 681-688.)
1853. Proceedings instituted by Pacific Mail Steamship Co. to recover tax on its vessels required by state. (Govs. ann. mess. 1854: 24.)
1855-1856. Exhibits, showing capital of Cal. Steam Navigation Co., and taxes of 1855 and 1856 resp., valuation and tax on each of their boats in 1856; and city assessments of their boats in 1856. (Docs. 1-3, rept. committee on corporations, Sen. jol. 1856: 520-521.)
1856. Stmt. of tax on Citizens' Steam Navigation Co. for state and co. taxes resp. (Doc. 4, *same* p. 521.)
Stamps
1857. Rept. of ways and means committee upon stamp act and passenger broker license act submitted Mch. 9, 1857, favoring taxation by stamp duties, on papers and instruments in writing. 9 pp. (App. to Assem. jol. 4 sess. doc. [9].)
——. Suggestion that law be so amended as to require stamps to be attached to all bills of lading either for coin or bullion. (A.R. state controller 1856/7: 5.)
1863. Comments on revenue from stamps, school fund, and charitable institutions. (*Same* 1862/3: 10-11.)
1865. Comments on revenue from stamps; also recommendation that sufficient apprn. be made to procure dies, upon which stamps similar to U. S. revenue stamps may be prepared. (*Same* 1864/5: 8-9.)
1869. Stamp tax upon passenger tickets declared to be in conflict with interstate commerce laws. (Rept. atty. gen. 1868/9: 7.)
1871. Comments on state stamps; also recommendation that stamp tax be abolished, and tax levy of 5% upon amt. of premiums on fire and marine risks, and tax of 1% upon premiums on life risks, collected in state, and 10c. upon each $100 of exchange, telegraphic transfers, letters of credit, or money orders, payable out of state. (Bienn. rept. state controller 1869/71: 11-14.)
Revenue; see above, that title

TEA-CULTURE; see AGRICULTURE. CROPS

TEACHERS; see EDUCATION

TEACHERS' INSTITUTES; see EDUCATION

TECHNICAL EDUCATION; see EDUCATION

TEHAMA COUNTY (1856)
Artesian Wells; see Natural Resources
Assessors; see Taxation: State
Forests; see Natural Resources
Geology; see Natural Resources
Gold
1881. See Natural Resources. Mineral. Gold; this date.
1892/4-1894/6. See same; these dates.
Horticultural Board; see Agriculture. Horticultural Commissions
Indian Wars; see War Expenditures
Iron
1892/4-1894/6. See Natural Resources. Mineral. Iron; these dates.
Mineral Springs in; see Natural Resources
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Mining and Irrigating Canals
1894/6. See Industries, etc. Mining Canals, etc.; these dates.
Pectolite in; see Natural Resources. Mineral
Surveyor; see Land
Temperature; see Climate

TELEGRAPH AND TELEPHONE COMPANIES
1856. Veto of act to amend act concerning corporations, passed Apr. 22, 1850, objecting to provision of same authorizing telegraph cos. to appropriate standing trees for their uses without compensation therefor. (Sen. jol. 7 sess. p. 511.)
1866. Minority rept. of Sen. committee on corporation on Sen. bill 47 to provide for construction of telegraph line through Cal. betw. Atlantic and Pacific. 4 pp. (App. to jols. 16 sess. v. 3 unnum. doc.)
1871. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for overland telegraph. (Bienn. rept. state controller 1869/71: 50.)
Taxation; see Taxation: State. Corporations

TEMPERATURE; see CLIMATE

TEXAS FEVER; see AGRICULTURE. LIVESTOCK

TEXT-BOOKS; see EDUCATION

TEXTILE FIBERS; see AGRICULTURE. CROPS

TIN
Deposits; see Natural Resources. Mineral
Imports; see Commerce, etc.

TITLE INSURANCE; see INSURANCE

TOBACCO
Crops; see Agriculture. Crops

TOLL-ROADS; see ROADS

TOLLS
Ports; see Commerce. Wharves, etc.

TONNAGE; see COMMERCE, ETC.

TRACHYTE; see NATURAL RESOURCES. MINERAL

TRADE; see COMMERCE, ETC.; see also INDUSTRIES, ETC.

TRADEMARKS; see PATENTS

TRANSFER OF LAND; see LAND

TRANSPORTATION
Land
See also Railroads, Roads, and Street Railways.
1855. Rept. favoring introduction and raising of camels and dromedaries as means of facilitating travel across deserts betw. Cal. and eastern states. (Sen. jol. 1855: 806-808.)
——. Rept. [favorable] of internal improvements committee on use of camels on plains. 11 pp. (App. to Sen. jol. 6 sess. doc. 24.)
Water
See also Canals, Commerce, River Conservancy, Steamboat Inspection.
1856. Rept. of special committee agst. proposed legislation to regulate rates of steam navigation cos. enclosing opinion of atty. gen. re. same with citations showing impracticability of proposed legislation. (Assem. jol. 1856: 735-738.)
——. Comment on extortionate rates of Cal. Steam Navigation Co. and Citizens' Steam Navigation Co., carrying entire trade of Sacramento River and tributaries; with stmt. of average rates per day since organization, and rates as proposed by pending legislation. (Rept. committee re. corporations, Sen. jol. 1856: 514.)
Water: Individual Companies
Pacific Coast Steamship Company
1880. Pacific Coast Steamship Co. vs. Bd. of R.R. Comrs. of State. (1 A.R. r.r. comrs. 1880: 37-38.)
1883. Same; suit in equity to restrain comrs. from establishing rates of charge for passengers and freight on enrolled and registered steamships of said plaintiff. (4 *same* 1883: 35-46.)
——. The Pacific Steamship Co. vs. The Bd. of R.R. Comrs. (4 *same* 1883: 76-79.)
1884. The Pacific Coast Steamship Co. vs. The Bd. of R.R. Comrs. in Circuit Court of U. S., ninth distr., Cal. (5 *same* 1884: 67-71.)

TRANSPORTATION OF CONVICTS; see MAINTENANCE: STATE

TRAVERTINE; see NATURAL RESOURCES. MINERAL

TRICHINIASIS; see PUBLIC HEALTH

TRINITY COUNTY (1850)
Artesian Wells; see Natural Resources
Assessors; see Taxation: State
Bullion Production
1885. See Natural Resources. Mineral. Production; this date.
Coal
1892/4-1894/6. See Natural Resources. Mineral. Coal; these dates.

TRINITY COUNTY (1850)—cont'd
Copper Mining
1892/4-1894/6. See Natural Resources. Mineral. Copper; these dates.
Forests; see Natural Resources
Geology; see Natural Resources
Gold
1879-1880. See Natural Resources. Mineral. Gold; these dates.
1881. See same; this date.
1888. See same; this date.
1892-1895. See same; these dates.
1892/4-1894/6. See same; these dates.
Granite in; see Natural Resources. Mineral
Indian Hostilities; see War Expenditures
Lime in; see Natural Resources. Mineral
Limestone in; see Natural Resources. Mineral
Marble in; see Natural Resources. Mineral
Mineral Springs in; see Natural Resources
Mines
1879/80. See Natural Resources. Mineral. Production; this date.
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Mining and Irrigating Canals
1894/6. See Industries, etc. Mining Canals, etc.; these dates.
Platinum in; see Natural Resources. Mineral
Quicksilver
1892/4-1894/6. See Natural Resources. Mineral. Quicksilver; these dates.
Silver
1892-1895. See Natural Resources. Mineral. Silver; these dates.
Surveyor; see Land

TROUT; see FISH AND GAME

TRUST COMPANIES; see BANKS

TRUST FUNDS; see FINANCE: STATE. FUNDS

TRUSTS
1891-1892. Case of People vs. Amer. Sugar Refinery Co. to forfeit franchise of co. on acct. of its having violated law by entering into a trust, to disadvantage of people. (Rept. atty. gen. 1891/2: 8-9.)

TUBERCULOSIS; see PUBLIC HEALTH

TUFA; see NATURAL RESOURCES. MINERAL

TULARE
Rainfall; see Climate
Temperature; see Climate

TULARE COUNTY (1852)
Artesian Wells; see Natural Resources
Assessors; see Taxation: State
Chrysoprase in; see Natural Resources. Mineral
Clay in; see Natural Resources. Mineral
Copper
1892/4-1894/6. See Natural Resources. Mineral. Copper; these dates.
Forests; see Natural Resources

TULARE COUNTY (1852)—cont'd
Gold
1881. See Natural Resources. Mineral. Gold; this date.
1892-1895. See same; these dates.
1892/4-1894/6. See same; these dates.
Granite in; see Natural Resources. Mineral
Horticultural Board; see Agriculture. Horticultural Commissions
Irrigation; see Land. Irrigation
Lime in; see Natural Resources. Mineral
Limestone in; see Natural Resources. Mineral
Magnesite
1894/6. See Natural Resources. Mineral. Magnesite; these dates.
Marble in; see Natural Resources. Mineral
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Natural Gas in; see Natural Resources
Railroad Aid; see Railroads. Public Aid
Silver
1892-1895. See Natural Resources. Mineral. Silver; these dates.
1892/4-1894/6. See same; these dates.

TULARE LAKE
Fisheries; see Fish and Game

TULARE VALLEY
Temperature; see Climate

TUOLUMNE COUNTY (1850)
Artesian Wells; see Natural Resources
Assessors; see Taxation: State
Bullion Production
1885. See Natural Resources. Mineral. Production; this date.
Forests; see Natural Resources
Geology; see Natural Resources
Gold
1879-1880. See Natural Resources. Mineral. Gold; these dates.
1881. See same; this date.
1888. See same; this date.
1892-1895. See same; these dates.
1892/4-1894/6. See same; these dates.
Insurrection of 1850; see Riots, etc.
Lime in; see Natural Resources. Mineral
Limestone; see Natural Resources. Mineral
Marble in; see Natural Resources. Mineral
Mineral Springs in; see Natural Resources
Mines
1879/80. See Natural Resources. Mineral. Production; this date.
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Mining and Irrigating Canals
1894/6. See Industries, etc. Mining Canals, etc.; these dates.
Silver
1892-1895. See Natural Resources. Mineral. Silver; these dates.
Steatite and Serpentine in; see Natural Resources. Mineral
Surveyor; see Land

TURNPIKE ROADS; see ROADS

TYPHOID FEVER; see PUBLIC HEALTH

UKIAH
Rainfall; see Climate

UNITED STATES
Land Grants; see that title
Public Lands; see Land. National Domain
Taxation; see that title

UNIVERSITY OF CALIFORNIA; see EDUCATION: INDIVIDUAL, ETC.

USURY LAW; see INTERST

UTAH
Silver Mining; see Natural Resources. Mineral

VACATION SCHOOLS; see EDUCATION

VACAVILLE
Climate; see that title
Rainfall; see Climate

VACCINATION; see PUBLIC HEALTH

VALLEY SPRINGS
Rainfall; see Climate

VALUATION; see TAXATION: STATE

VEGETABLES
Exports; see Commerce, etc.

VENTILATION
Public Buildings; see Public Buildings and Grounds: State

VENTURA COUNTY (1872)
Asphaltum in; see Natural Resources. Mineral
Forests; see Natural Resources
Geology; see Natural Resources
Gold
1881. See Natural Resources. Mineral. Gold; this date.
1892/4-1894/6. See same; these dates.
Horticultural Board; see Agriculture. Horticultural Commissions
Mineral Springs in; see Natural Resources
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Mining and Irrigating Canals
1894/6. See Industries, etc. Mining Canals, etc.; these dates.
Natural Gas in; see Natural Resources
Petroleum in; see Natural Resources. Mineral
Sandstone in; see Natural Resources. Mineral

VESSELS
Tax on; see Taxation: State. Shipping

VETERANS' HOME OF CALIFORNIA; see MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS

VIGILANCE COMMITTEE; see RIOTS, ETC.

VILLAGE IMPROVEMENT; see POPULATION. BETTERMENT

VINEYARDS; see AGRICULTURE. CROPS

VINICULTURE; see **INDUSTRIES, ETC. WINE-MAKING**

VISALIA
Climate; see that title
Rainfall; see Climate

VITAL STATISTICS

serial

Under Act of April 26, 1858, providing for registration of marriages, births, divorces, and deaths.

1858-1858/9. Ann. rept. of state registrar.

In Collected docs. as follows:

1858	in App.	to	Assem.	jol.	10	sess.	unnum.	doc.
1858	"	"	" Sen.	"	11	"	"	"
1858/9	"	"	" Assem.	"	11	"	"	"
1858/9	"	"	" Sen.	"	11	"	"	"

non-serial

1902/4. Rept. on collection of vital statistics; work done by bd., etc. (18 bienn. rept. bd. health 1902/4: 22-24.)

SACRAMENTO

1874. Rept. on vital statistics of Sacramento. (3 bienn. rept. bd. health 1874/5: 44-48.)

SANTA BARBARA

1782-1870. Statistical table of births, deaths, and marriages, registered at mission of Sta. Barbara, from its foundation. (1 bienn. rept. bd. health 1870/1: 77-78.)

Births

1870/1. Table showing by cos., no. of births registered; sex, live-born, and still-born. (1 bienn. rept. bd. health 1870/1 foldg. table facing p. 50.)

Marriage and Divorce

1851. Majority and minority repts. of select committee on act concerning divorces. (Legisl. jol. 1851: 656-659; 665-668.)

1870. Table showing, by cos., no. of marriages, also nationality of couples and relative nationality of sexes. (1 bienn. rept. bd. health 1870/1: 50.)

Mortality

1810-1855. Table showing deaths from pulmonary phthisis in Boston, decennially 1810-1850; in N. Y. City do. 1810-1850 and 1850/5; in Phila. do. 1810-1850 and 1850/5. (3 bienn. rept. bd. health 1874/5: 96.)

1870/1. Mortality, by cities and towns, and most prevalent diseases, in 24 localities comprising nearly half population of state, with ratio of deaths. (1 *same* 1870/1: 55-56 with profile view.)

1870/1-1894/6. Mortality tables. (1 *same* 1870/1 (facing p. 58)—14 *same* 1894/6.)

With some slight variations tables show causes of deaths by locality and nativity.

1880-1900/2. Mo. circulars; being abstr. of deaths and their causes in certain cities and towns. (6 *same* 1878/80 (pp. 7-10)—17 *same* 1900/2.)

In 6 and 7 repts. called Abstr. or repts. of deaths; 8th-10th Rept. of deaths; 11-14th Monthly review of deaths; thereafter as above.

1892/4. Mortuary statistics for fiscal yr. from June 30, 1892, to June 30, 1894, showing total no. of deaths and no. of deaths from smallpox, measles, scarlatina, diphtheria, la grippe, whooping cough, typhoid fever, etc. (13 *same* 1892/4: 139-141.)

These statistics are made up from repts. of co-recorders according to law. Those in the mo. circulars are made up from municipal and voluntary repts. of physicians.

1899-1904. Tabular stmt. of vital statistics, showing no. of deaths, no. attributed to different causes, and yrly. percentage of deaths; and tabular stmt. showing percentage of total deaths attributed to each mentioned causes. (18 *same* 1902/4: 24.)

VITAL STATISTICS—cont'd

Mortality—cont'd

1899/00-1900/2. Tables showing deaths from communicable diseases, as per mo. repts. made by secy. of state bd. of health. (16 *same* 1899/00 (p. 33)—17 *same* 1900/2.)

SACRAMENTO

1850-1874. Mo. and ann. mortality of Sacramento from founding of city. (3 bienn. rept. bd. health 1874/5: 48.)

1879/80. Table showing deaths in Sacramento City, with sex and months. (6 *same* 1879/80: 65-67.)

SAN DIEGO

1870/1. Table of mortality in San Diego City, giving causes of death, ages, sex, color, nativity, etc., submitted by secy. of San Diego Co. Medical Socy. (1 bienn. rept. bd. health 1870/1: 88.)

SAN FRANCISCO

1851-1874. Table showing ann. mortality in S. F. (3 bienn. rept. bd. health 1874/5: 37.)

1872. Mortality statistics of S. F., showing causes of death. (2 *same* 1871/3: 44-51.)

1874. Remarks on mortality and vital statistics of S. F. (3 *same* 1874/5: 42-44.)

Registration

1870/1. Rept. on registration of marriages, births, and deaths. (1 bienn. rept. bd. health 1870/1: 43.)

1871/3. Rept. on vital statistics urging adoption of registration. (2 *same* 1871/3: 17-102.)

1874/5. Rept. on co-operation to secure legislation relating to vital statistics. (3 *same* 1874/5: 20-21.)

1876/7. Inefficiency of present law requiring registration of births, marriages, and deaths. (4 *same* 1876/7: 37.)

1879/80. Necessity of efficient system of registration of deaths, births, and marriages. (6 *same* 1879/80: 22-23.)

1880/2. Rept. on insufficiency of law for registration of deaths, births, marriages, and of diseases. (7 1880/2: 39-43.)

1884/6. Importance of vital statistics; provisions of law; urging enforcement of same. (9 *same* 1884/6: 55-58.)

1888. Hist. of legislation to provide correct registration. (10 *same* 1886/8: 36-38.)

VITICULTURE; see **AGRICULTURE. CROPS**

VIVIANITE; see **NATURAL RESOURCES. MINERAL**

WAGES; see **LABOR**

WALNUT
Crop; see Agriculture. Crops

WAR EXPENDITURES

See also Militia. Expenditures; do. Debt: State.

Civil War

1886. Claim of interest earned by state of Cal. on war claims; rept. of agt. and counsel for Cal. pp. 44-48; 487-572. (App. to jols. 27 sess. v. 8; 580 pp.)

The exhibits, pp. 487-572, contain federal and state correspondence, repts., resolutions, etc.

——. Rebellion war claims; rept. of agt. and counsel for Cal. pp. 40-44; 465-486. (*Same* 27 sess. v. 8; 580 pp.)

The exhibits, pp. 465-486, contain federal and state correspondence, repts., resolutions, etc.

1900. Comments on rebellion war claims; suggestion that legisl. make apprn. to pay this claim. (Bienn. rept. state controller 1898/00: 30.)

WAR EXPENDITURES—cont'd

Indian Wars

serial

A

Board of Examiners of Military War Claims.

1 series

Appointed under Act of May 3, 1852, authorizing the state treasurer to issue war bonds.

1855-1856. Repts. of bd.

In Collected docs. as follows:
1855 in Sen. jol. 1855: 104-105.
1856 " Assem. jol. 1856: 102-103.
" " Sen. jol. 1856: 110-111.
This bd. was abolished by act of Apr. 28, 1855.

2 series

Appointed under Act of April 25, 1857, authorizing issue of Indian war bonds.

1857-1862. Repts. of bd.

In Collected docs. as follows:
1857 in Sen. jol. 9 sess. pp. 46-47.
" " Assem. jol. 9 sess. pp. 63-64.
1860 " Assem. jol. 11 sess. pp. 671-672.
1862 " App. to jols. 13 sess. doc. [30]. 8 pp.
Neither of these series of reports are serial in the sense that annual repts. of an executive dept. are serials. As they concern, however, the work of a body created to carry out a fixed provision of law, it was thought best to collate them as serials, to facilitate the use of the material.

B

War Debt Commissioners appointed under Act of April 19, 1856, to liquidate the war debt of the state.

1857-1860. Rept. of comrs. of the Cal. war debt.

In Collected docs. as follows:
1857 in Sen. jol. 9 sess. pp. 48-52.
" " Assem. jol. 9 sess. pp. 65-69.
1860 " App. to jol. 11 sess. doc. [12]. 12 pp.
No other repts. were made. They are not strictly serial repts. in the sense in which that word is generally used in this index, but are so collated here in order to facilitate use of the material. The first rept., 1857, is also reprinted in the rept. of the agt. and counsel for collecting Cal. claims agst. U. S. 1886, pp. 296-298 (App. to jols. 27 sess. v. 8).

non-serial

1850. Mess. from gov. re. El Dorado, Mariposa, Bear Creek, and Gila expeditions. (Legisl. jol. 1851: 599-600.)

1851. Rept. of finance committee concerning liquidation of debt incurred by state in suppression of Indian outbreaks. (App. to Sen. jol. 2 sess. p. 678 doc. S.)

——. Same; re. creation of war loan for suppression of Indian hostilities. (*Same* 2 sess. p. 702 doc. V.)

——. Copy of proposed memorial for obtaining reimbursement from U. S. for cost of Indian hostilities. (Legisl. jol. 1851: 853-854.)

——. General remarks; our war debt. (A.R. comptroller 1850/1: 504-505.)
Paging from Collected docs.

——. Review of war bonds and war loan warrants outstanding Dec. 31, and amts. of war debt contracted under each of various Indian war expeditions, with estimate of probable war indebtedness Dec. 31, 1852. (Govs. special mess. Jan. 30, 1852.)

——. Tabular stmt. showing condition of war loan fund. (A.R. state comptroller 1850/1: 496.)
Paging from Collected docs.

——. Govs. mess. transmitting orders and instructions re. Indian difficulties in Colo., showing responsibility for expense attendant on same. (Legisl. jol. 1851: 1045-1049.)

1851-1852. Comptroller's rept. on condition of civil and war debts of state Dec. 31, 1851, with stmt. of payments made into treasury July 1, 1851, to Jan. 27, 1852; acc. govs. special mess. Jan. 30, 1852. (App. to Sen. jol. 1852: 573-574.)

WAR EXPENDITURES—cont'd

Indian Wars—cont'd

non-serial—cont'd

1851-1856. Comptroller's stmt. showing condition of state debt created under "act to provide for suppression of Indian hostilities," passed Feb. 8, 1851, usually denominated "War Loan Bonds." (A.R. comptroller 1850/1 (pp. 491-493)—*same* 1855/6.)
Paging from Collected docs.

——. Treasurer's stmt. of operations of war loan fund. (A.R. state treasurer 1850/1 (p. 515)—*same* 1855/6.)
Paging from Collected docs.

1852. Review of indebtedness incurred in Indian warfare, urging steps for recovery of same from U. S. citing legislation enacted in reimbursement of other state for similar expenses. (Govs. special mess. Jan. 30, 1852.)

——. Controller's rept. re. information forming basis estimate of war debt. (Sen. jol. 1852: 114.)

——. War debt; comment; recommendation that bd. of examiners be authorized to prepare complete synopsis of claims. (A.R. comptroller 1851/2: 46-47.)

——. Discussion of Indian policy. (Govs. ann. mess. 1852.)

——. Official corresp. betw. gov., U. S. Indian agts. for Cal., and comdr. of U. S. troops in Cal. re. recent Indian difficulties in northern part of state. (App. to Sen. jol. 3 sess. pp. 702-723.)
Shasta, Trinity, Klamath, and Sutter cos.

——. Indian war troops disbanded and auction of effects ordered. (Govs. special mess. Jan. 30, 1852.)

1853. Govs. mess. re. examination and arrangement of Indian war claims with view to presenting same to Congress, by bd. of comrs. apptd. under act approved May 3, 1852. (Assem. jol. 1854: 262-263.)

——. Memorial of James Burney [*sic*] paymaster of troops, re. collection and liquidation of various claims on acct. of expenditures for suppression of Indian hostilities. 4 pp. (App. to Sen. jol. 1853 doc. 43.)

——. Rept. [adverse] of Indian affairs committee on act for relief of Jas. Birney [*sic*]. 5 pp. (App. to Assem. jol. 4 sess. doc. 57.)

——. Corresp. re. efforts made to secure payment by U. S. of war debt expenses incurred by Cal. in suppression of Indian hostilities. (App. B, Govs. ann. mess. 1855.)
Not given with separate.

——. Partial review of legislation and cost of various expeditions agst. Indians, as shown in rept. of committee on claim of paymaster of troops, Maj. Birney [*sic*], for reimbursement of expenses. 4 pp. (App. to Sen. jol. 1853 doc. 67.)

——. Controller's stmt. of civil and war debt of state, to Mch. 22, with estimate of unpresented war claims; acc. govs. special mess. 5 pp. (*Same* 1853 docs. 49-50: 9-11; Assem. jol. doc. 42.)

——. Indian war claims; comment, origin, prospects, etc. (A.R. controller 1852/3: 46-48.)

——. Stmt. showing condition of several apprns. made for purpose of liquidating war claims on Nov. 29, for which 7% bonds have been issued; also amt. of 12% bonds issued to date. (*Same* 1852/3: 29-30.)
Amts. audited to San Diego, Siskiyou, Gila, 1st and 2d El Dorado, Los Angeles, Monterey, Mariposa, Clear Lake and Klamath campaigns.

1853/4. Stmt. of war debt. (A.R. state treasurer 1853/4: 25.)

1853/4-1856. Stmt. of war fund in acct. with state treasurer. (*Same* 1853/4 (pp. 10-11)—*same* 1855/6.)

1854. Total amt. of war indebtedness of state, and amt. assumed by general govt. (A.R. comptroller 1853/4: 34.)

WAR EXPENDITURES—cont'd
Indian Wars—cont'd
non-serial—cont'd
1855. Govs. mess. re. steps necessary to secure benefits of apprn. made by Congress at last sess. for Indian war expenses of Cal., 1850 and 1851, with review of state legislation authorizing incurrence of same. (Sen. jol. 1855: 330-333; Assem. jol. pp. 361-363.)
——. Rept. of special committee apptd. to examine papers and accts. of Indian expeditions, with stmt. of general transactions and cost of each, and amts. allowed and rejected by bd. of examiners. (Sen. jol. 1855: 377-391.)
——. War debt of state assumed by Congress. (Govs. ann. mess. 1856: 11.)
——. Rept. of Sen. special committee in reference to war indebtedness; results of an examination of military claims paid by bd. of examiners of war claims, etc. 24 pp. (App. to Sen. jol. 6 sess. doc. 15.)
——. Communication from Secy. of War refusing to pay Cal. war claims agst. U. S., until in receipt of original vouchers. (Sen. jol. 1856: 133.)
1856. Govs. mess. re. status of war claims agst. U. S.; urging necessity of securing speedy settlement, and suggestions re. same; with exhibit of outstanding war debt of state Dec. 20, 1855. (Assem. jol. 1856: 241-246; Sen. jol. 1856: 226-232.)
1859-1862. Controller's stmt. showing amt. expended for suppression of Indian hostilities. (A.R. state controller 1858/9 (p. 12)—*same* 1861/2.)
1860. Rept. of special committee on Assem. bill 16 appropriating money for suppressing Indian hostilities in no. cos. of state, with stmts. showing amts. of claims for same. (Assem. jol. 11 sess. pp. 415-423.)
1860-1863. Controller's stmt. of war debt of state, showing amt. of war bonds issued by state treasurer under act of Apr. 25, 1857. (A.R. state controller 1859/60 (p. 38)—*same* 1862/3.)
1860/5-1884. War bond fund; receipts and payments. (Bienn. rept. state treasurer 1863/5 (p. 19)—*same* 1882/4.)
1861. Govs. mess. re. war indebtedness of state. (Sen. jol. 12 sess. pp. 594-595.)
1862. Rept. of comr. of war debt of Cal. 4 pp. (App. to jols. 14 sess. unnum. doc.)
——. Stmt. of war debt. (A.R. adj. gen. 1862: 159-170.)
——. Rept. of adj. gen. upon present condition of Indian war debt of Cal. 7 pp. (App. to jols. 13 sess. [doc. 31].)
1863. Comments on Indian war claims. (A.R. state controller 1862/3: 7-8.)
1864. Rept. of Sen. finance committee on indebtedness incurred by expeditions agst. Indians. 2 ll. (App. to jols. 15 sess. v. 2 unnum. doc.)
1865-1869. Stmt. of condition of funds (U. S. currency) for payment of audited war bonds and certificates. (A.R. state controller 1864/5 (pp. 100-101)—bienn. rept. *same* 1867/9.)
1865/7. War bond fund (U. S. legal tenders); receipts and payments. (Bienn. rept. state treasurer 1865/7: 18.)
1868. Rept. of claims committee re. payment of certain war bonds. 5 pp. (App. to jols. 17 sess. v. 3 [doc. 21].)
1872. Rept. on act for payment of principal and interest on Cal. war bond no. 34, with history of bond. (Sen. jol. 19 sess. pp. 498-499.)
——. Rept. of jt. committee on Indian war indebtedness; history of claims and debt, with recommendation that it be funded; lists of bonds. 31 pp. (App. to jols. 19 sess. v. 2 doc. [8].)
1873-1904. Stmt. of condition of war bond fund. (Bienn. rept. state controller 1871/3 (pp. 140-141)—*same* 1902/4.)
1879. Indian war bonds; res. passed Mch. 30, 1879, that gov. be requested to cause stmt. of all such bonds, certificates, and coupons, and circumstances connected therewith, to be prepared by controller and to cause application to be made to Congress, in name of Cal., for payment of said bonds, coupons, and certificates. (*Same* 1877/9: 17-22.)
1886. Cal. Indian war claims; rept. of agt. and counsel for Cal. pp. 31-40; 289-464. (App. to jols. 27 sess. v. 8; 580 pp.)
The exhibits, pp. 289-464, contain texts of federal and state repts., resolutions, and correspondence, and list of bonds.
1888. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for Indian war bonds. (Bienn. rept. state controller 1886/8: 59.)
[1889.] Stmt. re. unpaid claims of Cal. agst. U. S. to special jt. committee. 75 pp.
——. Same; pt. 2. 33 pp.
——. Same; pt. 3. 38 pp.
Not seen; entry from Bowker.
1892-1894. Stmt. of amt. outstanding and unpaid on Indian war bonds issued in 1851 and 1852; cases re. same. (Rept. atty. gen. 1891/2 (pp. 16-17)—*same* 1893/4.)
1892-1898. Comments on Indian war bonds. (Bienn. rept. state controller 1890/2 (p. 31)—*same* 1896/8.)
1900. Stmt. of total amt. of war claims agst. U. S.; settled and unsettled. (Bienn. rept. adj. gen. 1898/00: 15.)

BUTTE COUNTY
See below, Tehama County.

EL DORADO COUNTY
1850. Govs. mess. in relation to El Dorado, Mariposa, Bear Creek and Gila expeditions. (App. to Sen. jol. 2 sess. pp. 599-600.)
1851. Rept. on Indian hostilities in El Dorado Co., urging provision of funds for suppressing same as protection for mineral and agric. interests of state. (Legisl. jol. 1851: 1077-1078.)
1852. Rept. re. vouchers and expenses of first El Dorado expedition agst. Indians. (Assem. jol. 1852: 587-590.)
——. Same; 2d battalion Cal. volunteers in El Dorado Co. in suppressing Indian hostilities. (*Same* 1852: 428-429.)
——. Rept. re. total cost of four expeditions resp. in El Dorado, Mariposa and Monterey cos. and for Utah expedition for suppression of Indian hostilities. (*Same* 1852: 549.)
1853. See above; this date.
1855. Rept. re. accts. and papers of q. m. of 2d El Dorado expedition agst. Indians. (Sen. jol. 1855: 561-562.)
——. Rept. and docs. re. accts. of payments of El Dorado expeditions agst. Indians, and delay in settlement of claims agst. state for payment of same. (*Same* 1855: 714-718.)

KLAMATH COUNTY
1852. See above; this date.
1856. Govs. mess. transmitting petition of citizens of Klamath Co. agst. Indian depredations, urging formation of mounted co. therefor. (Assem. jol. 1856: 407-408.)

MARIPOSA COUNTY
1851. Govs. mess. and acc. docs. re. Indian hostilities in Mariposa Co. (Legisl. jol. 1851: 941-945.)

WAR EXPENDITURES—cont'd

Indian Wars—cont'd

MARIPOSA COUNTY—cont'd

1851. Govs. mess. asking supplies for undertaking suppression of Indian hostilities in Mariposa Co. (*Same* 1851: 1363-1364.)

——. Govs. mess. and corresp. re. Indian difficulties in Mariposa Co. (*Same* 1851: 601-605; 669-677.)

——. Communication from gov. on Indian difficulties on the Mariposa, etc., with letter of A. Johnston. (*Same* 1851: 563-565.)

1852. Rept. re. vouchers and expenses of Mariposa expedition agst. Indians in 1851, with acc. docs. (Assem. jol. 1852: 372-387.)

——. Communication[s] re. original papers in relation to Indian war in Mariposa Co. (App. to Sen. jol. 3 sess. pp. 695, 724.)

——. See above, El Dorado; this date.

1853. See above; this date.

MENDOCINO COUNTY

1859. Corresp. of State Dept. re. Indian affairs in Mendocino Co. 10 pp. (App. to Sen. jol. 11 sess. doc. [19].)

1860. Majority and minority repts. of special jt. committee on Mendocino war; referring to fighting betw. the settlers and the Ukiah Indians—the stock-killing and Indian slaughters; testimony is given in regard to it and to the Nome Cult reservation, and Capt. Jarboe's co. of volunteers; as well as to complaints agst. U. S. troops; committee recommends better protection for Cal. Indians. 75 pp. (App. to Sen. jol. 11 sess. doc. [11]; App. to Assem. jol. 11 sess. doc. [11].)

——. Minority rept. on Indian affairs existing in Mendocino Co. (Assem. jol. 11 sess. pp. 598-601.)

MODOC WAR

1886. Modoc Indian war claim; rept. of agt. and counsel for Cal. pp. 29-31; 281-288. (App. to jols. 27 sess. v. 8; 580 pp.)

The exhibits, pp. 281-288, contain texts of federal and state repts., resolutions, and correspondence.

MONTEREY COUNTY

1852. See above, El Dorado County; this date.

NAPA COUNTY

See below, Yolo Co.

PLUMAS COUNTY

See below, Tehama Co.

SAN DIEGO COUNTY

1852. Rept. re. vouchers and expenses of soldiers (Fitzgerald Volunteers and Los Angeles Volunteers) called into service to suppress Indian hostilities on southern frontier (i. e. San Diego Co.). (Assem. jol. 1852: 530-533.)

1853. In relation to claim of Fitzgerald Volunteers for aid in suppressing the Indian hostilities led by Antonio Gassa. 4 pp. (App. to Sen. jol. 4 sess. doc. 32.)

——. See also above; this date.

SHASTA COUNTY

1852. See above; this date.

1860. See below; Tehama County.

SISKIYOU COUNTY

1853. Govs. mess. transmitting accts. for Wright and McDermitt expeditions agst. Indians, urging favorable consideration of same. (Sen. jol. 1853: 119.)

——. Rept. of Indian affairs committee recommending passage of bill to settle claims of Capt. B. Wright and Chas. McDermitt's cos. of Mounted Rangers. 4 pp. (App. to Sen. jol. 4 sess. doc. 33.)

——. See also above; this date.

SUTTER COUNTY

1852. See above; this date.

WAR EXPENDITURES—cont'd

Indian Wars—cont'd

TEHAMA COUNTY

1860. Rept. on act for payment of expenses incurred in suppression of Indian hostilities in Tehama, Shasta, Butte, and Plumas cos. (Assem. jol. 11 sess. pp. 347-349.)

TRINITY COUNTY

1852. See also above; this date.

UTAH EXPEDITION

1852. Rept. re. expenses and accts. of Utah and Coahuilla expeditions agst. Indians in 1851. (Assem. jol. 1852: 356-361.)

Concerning Utah expedition only; muster rolls, etc.

——. See above, El Dorado County; this date.

YOLO COUNTY

1856. Veto of act to provide for payment of T. F. W. Price for costs of Indian expedition in Yolo and Napa cos., 1851. (Sen. jol. 7 sess. p. 789.)

Mexican War

1852. Rept. on claim agst. U. S. for supplies furnished and operations of Fremont battalion prior to and during Mexican war. (App. to Sen. jol. 1852: 554-559.)

Spanish-American War

1900. Stmt. of armory rents and other claims growing out of "Spanish-American war of 1898." (Bienn. rept. adj. gen. 1898/00: 14.)

1900-1902. Stmt. of accts. with U. S. govt. (*Same* 1898/00 (p. 32)—*same* 1901/2.)

1902. Stmt. of claims agst. U. S. on acct. of Spanish-American war of 1898. (*Same* 1901/2: 11.)

——. Acct. with U. S. Navy Dept., under apprn. for arming and equipping naval militia. (*Same* 1901/2: 32.)

Vigilance Committee; see Riots, etc.

WASHINGTON

Iron Mines; see Natural Resources. Mineral

WATER POWER; see NATURAL RESOURCES

WATER SUPPLY

1870/1. Rept. on water supply of Cal. cities and towns, with communications. (1 bienn. rept. bd. health 1870/1: 32-34.)

1877/9. Rept. on sources of supply of water of towns and cities of Cal. (5 *same* 1877/9: 46-57.)

1878. Minority rept. on Assem. bill 119. 6 pp. (App. to jols. 22 sess. v. 4 [doc. 16].)

Act regulating establishment and collection of water-rates in cities and towns

1890. Rincon Hill well, Folsom and Second streets, S. F.; geological sections as seen in sinking. (10 A.R. state mineralogist 1889/90: 943-945.)

1900. Should state bds. of health be given controlling voice as regard plans for public water supplies and sewerage supplies? by C. O. Probst. (16 bienn. rept. bd. health 1898/00: 62-70.)

Read at conference of state and provincial bds. of health. Customs in various states of the Union reviewed.

1903. Laboratory method for ordinary chemical examination of waters for irrigation and domestic purposes. 4 pp. (Circular 8, Agric. exper. station.)

ALAMEDA

1879/80. Water supply of town of Alameda. (6 bienn. rept. bd. health 1879/80: 85-86.)

LOS ANGELES

1868. Veto of act to authorize Los Angeles Water Works Co. to lay down water pipes in public streets of Los Angeles. (Sen. jol. 17 sess. pp. 617-618.)

WATER SUPPLY—cont'd

LOS ANGELES—cont'd

1877-1879. Comparative table showing mo. receipts from sale of water, city of Los Angeles. (Rept. state engr. 1878/9 pt. 4 app. p. 41.)

1877/9. Rept. on water supply of Los Angeles, with analysis. (5 bienn. rept. bd. health 1877/9: 55-57.)

SACRAMENTO

1877/9. Rept. on water supply of Sacramento, with analysis. (5 bienn. rept. bd. health 1877/9: 52-55.)

SAN FRANCISCO

1857. Veto of act to authorize introduction of water into S. F. (Assem. jol. 8 sess. pp. 872-873.)

1858. Veto of act to authorize owners of Spring Valley Water Works to lay down water pipes in public streets of city and co. of S. F. (*Same* 9 sess. p. 454.)

1877. Memorial and petition to legisl. re. providing city and co. of S. F. with proper system of water works. 16 pp. (App. to jols. 22 sess. v. 4 [doc. 10].)

1877/9. General map of surveys of S. F. water supply made under direction of bd. of supervisors. (5 bienn. rept. bd. health 1877/9 facing p. 100.)

1878. Petition to legis. re. purchase of Spring Valley water works. 2 ll. (App. to jols. 22 sess. v. 4 [doc. 27].)

——. Petition to Sen. of Cal. of J. Mullan for himself and other citizens of S. F. 4 pp. (*Same* 22 sess. v. 4 [doc. 23].)

Claiming that Assem. bill 850 is none other than the 15 million S. F. water job, recently repudiated by people of S. F.

SUISUN

1858. Veto of act granting privilege to certain persons of conducting water into and through Suisun City, and supplying inhabitants therewith. (Assem. jol. 9 sess. pp. 477-478.)

Analyses

1876/7-1903/4. Analyses of waters. (Bienn. rept. agric. college 1876/7 (pp. 49-51)—A.R. *same* 1903/4.)

1882/4. Same; from northern and middle Cal. (*Same* 1882/4: 56-61.)

——. Same; from southern Cal. (*Same* 1882/4: 67-69.)

1883. Examination of waters of San Fernando Tunnel; by Hilgard. 1 sheet. (Agric. exper. station, bull. 1.)

1884. Examinations of streams and well waters; by Hilgard. 1 sheet. (*Same*, bull. 20.)

1885. Examination of well and spring waters. 1 sheet. (*Same*, bull. 32.)

1885/6. Analyses of spring waters from various sources. (Bienn. rept. agric. college 1885/6: 62-66.)

——. Analyses of common well waters from various sources. (*Same* 1885/6: 56-62.)

1886-1889. Rept. of examinations of waters, water supply, and related subjects; by E. W. Hilgard; advance sheets from the combined repts. for 1888 and 1889 of the Cal. Exper. Station. 57 pp. (App. to jols. 28 sess. v. 7 doc. [3].)

1890. Analyses of stream and lake waters; streams of Pleasant Valley, Temescal Valley, and Gila River. (A.R. agric. exper. stations 1890: 51-58.)

1890-1904. Analyses of common well waters. (*Same* 1890 (pp. 64-75)—*same* 1903/4.)

——. Analyses of spring waters. (*Same* 1890 (pp. 58-64)—*same* 1903/4.)

1891/2-1903/4. Analyses of stream and lake waters. (*Same* 1891/2 (pp. 50-57)—*same* 1903/4.)

1894. Tests for impurities in drinking water; by W. Anderson. 6 pp.

WATER SUPPLY—cont'd

Analyses—cont'd

1894. Same. (In 13 bienn. rept. state bd. health 1892/4: 192-195.)

Also issued as a "Preventive Disease Circular" by state bd. of health.

1894/5. Examination and analyses of Hollister Valley and Perris Valley soils; also waters of Perris Valley. (A.R. agric. exper. stations 1894/5: 13-23.)

1895. Drinking water and its examination, chemically considered; by Prof. A. Auchie Cunningham. 8 pp.

——. Same. (3 ann. sanitary convention 1895: 46-55.)

1895-1904. Tables giving composition of well waters, by cos. and localities. (Bienn. rept. agric. exper. stations 1895/7 (pp. 90-91, 93, 95, 97-98, 101-102)—A.R. *same* 1903/4.)

——. Tables giving analyses of lake and stream waters, by cos. and localities. (*Same* 1895/7 (pp. 77, 79-80)—A.R. *same* 1903/4.)

——. Same; spring waters, by cos. and localities. (*Same* 1895/7 (pp. 82-83, 85, 87-88)—A.R. *same* 1903/4.)

1897/8-1903/4. Table giving results of sanitary examination of waters, by cos. and localities. (A.R. *same* 1897/8 (p. 126)—*same* 1903/4.)

1899-1901. Examination of drain waters from Southern Cal.; table of analyses of drain waters from Chino and Westminster. (*Same* 1901/3: 82-83.)

Artesian Wells; see Natural Resources

Irrigation; see Land

Pollution of Rivers, etc.

1875. See Fish and Game; this date.

1880/2. Pollution of rivers; by F. W. Hatch. (7 bienn. rept. bd. health 1880/2: 74-82.)

In its local application.

1887. Rept. of Sen. fish and game committee on memorial from legisl. of Nov., complaining of depositing by mills in Cal. of sawdust in Truckee River, which kills fish and endangers health of people using water; acct. of proceedings of committee, and recommendation that state bd. of health investigate matter; also rept. of Assem. committee. 5 pp. (App. to jols. 27 sess. v. 8 docs. [10, 20].)

1896. Rept. of committee on Sacramento and American River pollution by sewage at Redding, Red Bluff, Chico, Marysville, Colusa. (14 bienn. rept. bd. health 1894/6: 26-28.)

——. Pollution of potable waters—its proper remedy in Cal.; by S. S. Herrick. (14 *same* 1894/6: 226-230.)

——. Same; separate. 5 pp.

1896-1898. Case of People of State of Cal. vs. Truckee Lumber Co., State Supreme Court, in matter of dumping sawdust into Truckee River. (Bienn. rept. bd. fish comrs. 1894/6 (pp. 99-108)—*same* 1896/8.)

1900. Fishing in Truckee River; large pulp and paper mill established. (*Same* 1898/00: 20-21.)

1902-1904. On operation of land making it a misdemeanor to permit slag to pass into any waters of state. (*Same* 1900/2 (pp. 19-20)—*same* 1902/4.)

1902/4. Rept. on pollution of water supply. (18 bienn. rept. bd. health 1902/4: 19-20.)

WATTLE; see NATURAL RESOURCES. FORESTS

WEAVERVILLE

Rainfall; see Climate

WEEDS; see AGRICULTURE. CROPS. PESTS

WEIGHTS AND MEASURES

1851. Communication from secy. of state re. difficulty of securing standard weights and measures. (Legisl. jol. 1851: 1448.)

WEIGHTS AND MEASURES—cont'd

1855. Communication from secy. of state as ex-officio sealer of weights and measures, reviewing regulations re. weights and measures now in force in state, showing arrangements necessary for safe keeping of standard weights and measures now under way. (Assem. jol. 1855: 667-669.)
1873-1875. Concerning weights and measures. (Bienn. rept. state dept. 1871/3 (pp. 12-14)—*same* 1873/5.)

WELFARE WORK; see LABOR

WEST BUTTE
Rainfall; see Climate

WHALING; see FISH AND GAME

WHARVES AND DOCKS
Including wharfage and dockage; see also Harbor Improvement.

1884-1886. Comments on rates of dockage and tolls. (Bienn. rept. harbor comrs. 1882/4 (p. 23)—*same* 1884/6.)
1888. Recommendation that system of collecting revenue directly from owner, master, agt., or consignee of vessels and cars be established. (*Same* 1886/8: 10.)
1890. Comments on change in system of collecting tolls. (*Same* 1888/90: 13-14.)

SAN DIEGO

1890. Comments on wharves. (Bienn. rept. San Diego harbor comrs. 1889/90: 7-8.)

SAN FRANCISCO

1858. Communication from atty. gen. re. title to slip and wharf property in city and co. of S. F. (Assem. jol. 9 sess. pp. 503-506.)
1861. Minority rept. on act providing for bldg. of a wharf at foot of Howard Street, S. F. (Sen. jol. 12 sess. pp. 410-411.)
——. Veto of act to authorize certain persons to construct a wharf at foot of Third Street in S. F. (*Same* 12 sess. p. 816.)
1869. Stmt. of rates of dockage, wharfage, and tolls for port of S. F., established Dec. 1, 1869. (Bienn. rept. harbor comrs. 1867/8: 19-20.)
1870. Same; established Dec. 1, 1870. (*Same* 1869/71: 15-17.)
——. Rept. [favorable] of commerce and navigation committee re. substitute for Sen. bill 534; act to provide for speedy completion of sea wall in harbor of S. F., and reduction or abolition of certain tolls, dockage, and wharfage 2 ll. (App. to jols. 18 sess. v. 2 doc. [32].)
——. Rept. [favorable] on free wharfage for Cal. agric. products [using a portion of the state's interest in S. F. harbor]. 4 pp. (*Same* 18 sess. v. 3 doc. [53].)
1873. Rates of dockage, wharfage, and tolls for port of S. F., established by bd. July 1, 1873. (Bienn. rept. harbor comrs. 1871/3: 45-47.)
1875. Same; established July 1, 1874. (*Same* 1873/5: 36-38.)
1884. Comparison of dockage charges of N. Y. with those of S. F. (*Same* 1882/4: 61-63.)
——. Comparison of rates of dockage and wharfage at port of Baltimore with those of S. F. (*Same* 1882/4: 60-61.)
——. Rates of dockage in harbor of S. F.; rates of dockage on lighters; rates of tolls. (*Same* 1882/4: 57-59.)
1891. List of vessels of the port of S. F., with tonnages, rates of dockage, and lengths. 114 pp.
Not seen; entry from Bowker.

WHARVES AND DOCKS—cont'd

1900. Comments on wharves and bulkheads; repairs, dredging, etc. (Bienn. rept. harbor comrs. 1898/00: 11-13.)
——. Comments on new Fisherman's Wharf. (*Same* 1898/00: 8.)
——. Comments on U. S. Transport wharves. (*Same* 1898/00: 6.)

EXPENDITURES FOR

1864-1867. Stmt. of state wharf and dock fund. (A.R. harbor comrs. 1863/4 (pp. 10-13)—bienn. rept. *same* 1865/7.)
1864/5-1877. Wharf and dock fund; receipts and payments. (A.R. state treasurer 1864/5 (p. 18)—bienn. rept. *same* 1875/7.)
1865-1877. Stmt. of condition of wharf and dock fund. (A.R. state controller 1864/5 (pp. 92-93)—bienn. rept. *same* 1875/7.)
1871-1890. Stmt. showing amt. of expenditures, amt. of each apprn. made by law, amt. expended under each, and balance unexpended for improvement of wharves and docks. (Bienn. rept. *same* 1869/71 (p. 57)—*same* 1888/90.)
1873/5. Stmt. of state wharf and dock fund for two yrs. endg. 1875. (Bienn. rept. harbor comrs. 1873/5: 21-23.)

Leases

1866. Communication from bd. of state harbor comrs. re. wharves and wharf leases. 4 pp. (App. to jols. 16 sess. v. 3 unnum. doc.)
1875. Stmt. of present leases, giving dates, lessees, expirations, and descriptions. (Bienn. rept. harbor comrs. 1873/5: 31-32.)
1886. Comments on expiration of leases. (*Same* 1884/6: 10.)

SAN DIEGO

1904. Comments on franchises. (Bienn. rept. San Diego harbor comrs. 1902/4: 12-14.)

SAN FRANCISCO

1896. Comments on "China Basin lease"; sea wall lot no. 7. (Bienn. rept. harbor comrs. 1894/6: 31-32.)
1902. Comments on China Basin lease. (*Same* 1900/2: 8-9.)

WHEAT
Diseases; see Agriculture. Crops. Pests
Exports; see Commerce, etc.
Prices; see that title

WHEATLAND
Climate; see that title

WHITEFISH; see FISH AND GAME

WHITNEY, MT.
1870-1888. History of Mt. Whitney; copy of letter written by W. A. Goodyear to editor of Independent, July 30, 1888. (8 A.R. state mineralogist 1887/8: 230-232.)

WHITTIER REFORM SCHOOL; see MAINTENANCE: STATE INDIVIDUAL INSTITUTIONS

WILMINGTON
Harbor; see Harbors

WIND; see CLIMATE

WINE
Exports; see Commerce, etc.
Industry; see Industries, etc.

WOMAN
Labor; see that title

WOODLAND
Rainfall; see Climate

WOODPECKERS; see FISH AND GAME

WOOL
Prices; see that title
Production; see Industries, etc.

WOOLLY APHIS; see AGRICULTURE. CROPS. PESTS

YELLOW FEVER; see PUBLIC HEALTH. EPIDEMICS

YOLO COUNTY (1850)
Artesian Wells; see Natural Resources
Assessors; see Taxation: State
Climate; see that title
Flood; see Climate. Floods
Gold
1892/4-1894/6. See Natural Resources. Mineral. Gold; these dates.
Horticultural Board; see Agriculture. Horticultural Commissions
Indian Wars; see War Expenditures
Irrigation; see Land. Irrigation
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Mining and Irrigating Canals
1894/6. See Industries, etc. Mining Canals, etc.; these dates.
Natural Gas in; see Natural Resources
Onyx in; see Natural Resources. Mineral
Quicksilver
1892/4-1894/6. See Natural Resources. Mineral. Quicksilver; these dates.
Sandstone in; see Natural Resources. Mineral
Surveyor; see Land
Trachyte and Tufa in; see Natural Resources. Mineral
Travertine in; see Natural Resources. Mineral

YOSEMITE VALLEY
Fisheries; see Fish and Game
Park; see Parks: State

YREKA
Rainfall; see Climate

YUBA COUNTY (1850)
Artesian Wells; see Natural Resources
Assessors; see Taxation: State
Bullion Production
1885. See Natural Resources. Mineral. Production; this date.
Clay in; see Natural Resources. Mineral
Climate; see that title
Forests; see Natural Resources
Fruit Crop; see Agriculture. Crops
Gold
1879-1880. See Natural Resources. Mineral. Gold; these dates.
1881. See same; this date.
1892-1895. See same; these dates.
1892/4-1894/6. See same; these dates.
Horticultural Board; see Agriculture. Horticultural Commissions
Mineral Paint in; see Natural Resources. Mineral
Mines and Mining
1889/90-1890/2. See Industries, etc. Mines and Mining; these dates.
Mining and Irrigating Canals
1894/6. See Industries, etc. Mining Canals, etc.; these dates.
Silver
1892-1895. See Natural Resources. Mineral. Silver; these dates.
Surveyor; see Land

YUBA RIVER; see RIVER CONSERVANCY

ZINC; see NATURAL RESOURCES. MINERAL

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